

Study on the Integration of Environmental Art Design and Landscape Architecture in Urban Streets

Jianbin Pang

School of Art, Quancheng College, University of Jinan, Penglai, 265600, China

Keywords: Urban street, Environmental art, Landscape architecture

Abstract: The integration of the landscape architecture into the urban street environment art design can improve the artistic design effect. On the basis of this, the integration of the landscape architecture in the design aspects of the main interface, the node, the greening, the light, the utility facilities, the pavement and the pocket park in the street environment art design is described in detail in this paper, It is hoped that some simple reference can be provided for urban street environmental construction.

1. Introduction

urban street refers to the road with leisure and entertainment function and infrastructure. Street environment can not only reflect the development of the city, but also reflect the cultural connotation of the city. In order to improve the appreciation of street facilities and enhance the utility of urban streets, designers should deeply analyze the integration strategy of street environmental art design and landscape architecture, improve the effect of street construction and optimize the appearance of the city.

2. The Integration of Street Main Interface Design and Landscape Architecture

The main interface of the street is the facade of the buildings surrounded by both sides of the street, such as the common residential strata shop face in life, and so on. To a large extent, the design of the main interface depends on the overall style of the city and the specific livelihood functions of the street. For example, the street in Zhenjiang tourist area is composed of ancient buildings with local characteristics on both sides, and the buildings are mainly stacks and shops. It not only fits the characteristics of urban tourism and the local historical and cultural connotation, but also meets the needs of tourists for leisure and entertainment. In the aspect of main interface design, designers can use the way of landscape architecture to construct the main interface of street with distinctive local characteristics. It shows the style and historical and cultural details of the city, and optimizes the depth of the artistic design of the urban street environment. For example, the Champs Elysees in Paris, as a model of the environmental art design of the urban street in the world, the main interface of the street is composed of commercial stores with French characteristics, such as fashion shops, cosmetics stores, and Osman landscape architecture, which fully reflects the organic combination of street environmental art design and landscape architecture. It shows the historical and cultural accumulation of France, and at the same time, it can be associated with the prosperity of France and the alternation of the rise and fall of state power, which comprehensively deepens the humanistic connotation of the city and strengthens the street environment. The design of art.

3. The Design of the Streets and the Integration of the Landscape Architecture

In the city, the merging, crossing, steering and truncation of the street usually need to be connected with the design node, so that the layering sense of the street landscape can be enriched, the vitality of the city can be enriched, therefore, the street node design is an important part of the urban street environmental art design, The designer can integrate it with the landscape architecture

to highlight the features of the site and make it more discriminating. In this process, the designer will usually design the node into a large square, and set the landscape architecture with local characteristics in Guangcheng to improve the viewing effect, beautify the image of the city, and give full play to the function of its leisure and entertainment, and enhance the street. The effect of the road node design, for example, is that the designer set up a square in the junction node of one-yuan road, and built four moon doors in the square, and the back of the door is the green landscape. The four moon doors mainly use polished stainless steel as the landscape building material, and ground light is also arranged on the surrounding ground, so that people can be attracted by the high-brightness moon door when passing through the square, and then the greening landscape and the river beach landscape are seen through the door opening. The invention brings the high-quality visual enjoyment to the pedestrians, thereby realizing the effective integration of the urban street environment art design and the landscape architecture, and improving the street construction effect.

4. The Integration of Street Greening Design and Landscape Architecture

Street greening is an indispensable part of urban landscape. In the art design of urban street environment, the integration of landscape architecture into greening design can make the street landscape viewing effect more solid and optimize the urban environment. In street greening design, designers should choose suitable plants as greening vegetation according to local climate conditions, weaken the difficulty of landscape maintenance in the later stage, at the same time, combined with the needs of residents and the law of plant growth, to ensure the construction effect of greening landscape, for example, designers should control the number of vegetation with large pollen yield to avoid causing trouble to pollen allergic residents. In terms of landscape architecture, design Personnel should ensure that the colour, shape, structure and other aspects of landscape architecture can be in line with the overall green landscape. In this process, designers should consider the construction of landscape architecture from the aspects of seasonal change, vegetation growth scale, greening tree height and so on, so that the street greening landscape can show high and low errors and dense effects as a whole. At the same time, the designer should consider the construction of landscape architecture from many aspects, such as the change of season, the growth scale of vegetation, the height of greening trees, and so on. It is also necessary to control the influence of street lighting on the visual colour of vegetation and landscape architecture, so that the green landscape can achieve the coordination with the overall visual effect of the street. In addition, the designer should fully grasp the preferences of the residents, ensure that the design scheme can suit the aesthetic taste of the residents, and improve the city. The integration effect of city street environmental art design and landscape architecture to optimize the level of street construction.

5. The Integration of Street Lighting Design and Landscape Architecture

The lighting of the light is an important facility to ensure the normal travel of the residents. The lighting design of the light is the part of the urban street environment art design, which can enhance the ornamental value of the lighting equipment and optimize the appearance of the city. In the street lighting design, the designer can appropriately integrate the landscape architecture, and construct the lighting landscape with clear characteristics, good meaning and strong ornamental value, so that the night landscape of the city is more abundant and the landscape construction level is improved. In the construction of the illumination landscape, the designer cannot seek the quantity and the lighting effect of the landscape too much, and pay attention to the beauty of the landscape, and comprehensively consider the lighting brightness, the light colour and the like of the surrounding lamps. The factors of the invention can ensure that it can be smoothly integrated into the whole street lighting environment and improve the coordination of the landscape. in addition, the designer also can adjust the brightness of the lamp in the landscape, avoid the light pollution, disturb the normal night travel of the residents, and meanwhile, the designer can set the ground lamp around the landscape building to enhance the night appreciation effect of the landscape building, So as to further deepen the urban street environment art design and the landscape architecture, make the

night scene of the street more abundant, have the layering sense, deeply optimize the urban construction effect, and provide good conditions for the life of the residents.

6. The Design of the Utility Facilities of the Street and the Integration of the Landscape Architecture

Generally speaking, the purpose of practical public facilities, such as trash can, seat, bus stop and so on, is mainly to facilitate the activities and rest of urban residents. Designers can effectively improve the ornamental value of public facilities and enhance their practical utility by integrating landscape buildings into these practical facilities. In the design of practical facilities, designers can give some practical functions to micro and small landscape buildings with the help of flexible design means, such as making trash cans and seats into landscape modeling, so as to realize the organic integration of urban street environmental art and landscape architecture, and improve the construction effect of practical facilities. In addition, in the design, the work The personnel should also take into account the deepening of the local culture, apply the regional ethnic, amorous feelings, etiquette, history and other elements to the practical facility design with the help of the landscape architectural design concept, create a strong cultural atmosphere, make the urban street more recognizable and deepen the cultural connotation of the street, at the same time, in the specific conception, the designer should pay attention to not reducing its practicability in order to improve the ornamental nature of the facilities. According to the actual needs of local residents, it is necessary to combine landscape architecture with practical facility design scientifically, enhance the overall effect of street facilities construction, and improve the construction of urban streets [1].

7. The Integration of Street Pavement Design and Landscape Architecture

As an important part of the art design of urban street environment, street pavement design can set off the main characteristics and cultural artistic conception of street, integrate landscape architecture into pavement design, construct a harmonious integrated street art environment and create a good urban style. In the design, according to the material, structure and type of landscape architecture, workers should reasonably choose the materials used in paving, ensure the harmony of texture between the two, and combine the main interface of street, night lighting, colour collocation of landscape architecture and other factors to design the colour of pavement and improve the visual comfort of pavement. In the aspect of landscape building interior pavement, The planner should consider the leisure and entertainment function of the building, focus on measuring the comfort of the material in the material selection, and ensure the normal play of the actual function of the landscape building. If the interior pavement of landscape building adopts wooden structure, the designer should do a good job of reinforcement design to ensure the durability of pavement. In addition, in order to echo the design idea of landscape buildings, the staff should coordinate the colour, material, splicing and other aspects, so that the pavement from pattern to texture can well set off the main connotation of street environment art. At the same time, we should master the changes of pavement colour, shape and pattern, avoid too single influence on its ornamental performance, so as to go deep into the excellent. The fusion effect of urban street environment art design and landscape architecture[2].

8. The Integration of Street Pocket Park Design and Landscape Architecture

There are often some small areas of open space scattered in the urban structure around the street, the designer can make full use of this part of the space, make it into a pocket park, and use landscape architecture to embellish, realize the integration of urban street environment art design and landscape architecture, and expand the ecological space of the city. In the design of pocket park, the staff can redesign the tiny green space, or the open space left in the city construction, and at the same time plant the green vegetation, set up the landscape architecture such as swing, gazebo, fake landscape pool, etc. Artistic design is more suitable for the needs of leisure and entertainment of

the current masses and improves the practicability of the design scheme. In addition, in the design, the pocket park is mainly practical, so the designer cannot pursue the form of beauty too much, should adhere to the principle of “people-oriented” , give full play to the leisure and entertainment function of the landscape architecture, and carry out flexible and smart layout, using the landscape building to reasonably expand the pocket park for the adult sitting, children's game place, enhance the effect of street environment design, at the same time, the designer should do the night lighting facilities in the pocket park, further improve the practical construction level of the pocket park, excellent. into the urban street environment [3].

9. Conclusion

To sum up, the integration of urban street environmental art design and landscape architecture can enhance the ornamental effect of street facilities. In street construction, designers can deepen the humanistic connotation of the city, enhance the regional identification, optimize the effect of greening landscape construction, enrich the level of street night scene, enhance the appreciation of practical facilities, ensure the harmony of the overall landscape, expand the urban ecological space, and thus improve the level of street construction.

References

- [1] Liu, Lei. (2019). Study on the characteristics of architectural landscape. *Engineering Technology Research*, vol. 4, no. 22, pp. 237.
- [2] Fanny. (2019). The application of landscape architecture in garden design. *Modern gardening*, no. 20, pp. 147-148.
- [3] Wang, Hui., Zhu, Shumin., Bameng, Zhen. (2018). Analysis on the Promotion of Street Landscape Architecture in small towns. *Doors and windows*, no. 02, pp. 140.