

Analysis of the application in the city square landscape design of plane composition

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ABSTRACT. Plane constitution principle can be applied in the design of city square, different Plaza has different properties, which determine the landscape of city square design scale and design style, the square of the scale and design style, but also directly affect the ground paving material, shape and color pattern scale. Follow the principle of visual aesthetics, embodying the beauty square shape, inspire users pleasant feeling, to explore the aesthetic features of landscape art from multiple angles of plane composition.

The scale of city square design

Scale design objective is to need to meet people's physiological and mental activities, in the city square landscape, people and transport is the use of the body, therefore, we consider in scale, should not only consider the visitors with all kinds of transport tool motion space size, also according to the actual environmental function and the use of the environment style and other factors to the different arrangements of the scale, to meet people's psychological needs.

Square design of large scale can be designed into a gentle wave pattern of the urban space, full of change. Landscape design of small scale the lovely and lively, color floor full of rhythm. The design of scale should be conformed to the principle of human body engineering. In the actual design of the basic motion in space, not only to meet people and the traffic tools, but also consider the people's psychological scale, narrow space makes people feel cramped and crowded, spacious space makes people feel open and empty. Comparison of different scales also can let a person produce or atmospheric open or different psychological kind of natural feeling, pleasant scale can enhance the overall performance of environmental effect. In addition, different material texture and color application for people will produce different visual scale; scale relation should be reasonable use and material texture, color, pattern and other factors to adapt. Such as large scale square landscape generally use the color uniform texture, simple form; contrary to some small scale relation square landscape can use a variety of texture and different combinations of colures, thus enriching the square space level and change.

The basic elements of plane form in the design of city square.

Various forms of visual design, whether it is a natural shape or geometry, is composed of point, line, surface and other factors. In the constitution, is the smallest unit of elements, with the most concise form, but through it in the area and the direction of change, will form a variety of form and image, is the basis of visual modeling design language. Some have strong tension, able to aggregate and to focus attention, to draw attention to come, therefore, it is suggested and the role of guide line of sight. The sequence of points make people perceive and direction lines, or peace and quiet, or rhythm, or lively freely, can form a certain spatial direction or space range. The use of porcelain tile pavement in color simple Plaza building affiliated square.

Point and surface. The rich combination of point and space effect. Shinjuku in Tokyo on the ground, scattered point shaped pattern disposed jump, can enrich the visual effect, bring vitality to the square space. Dot the landscape characteristic settings, can attract the line of sight of people, form the visual focus.

A lot of points along a certain direction of closely spaced tracks, forming the line. Line length without width and thickness, line can indicate the direction and position, and the formation of edge face and face. The line has a strong self character: the straight line has the most concise form, and straight and has a sense of power, and the modern sense of peace stability; curve is gentle and cheerful, has the sense of rhythm and lyrical Sheng; and broken line shows the rhythm and

movement, with the tension and contradiction. Landscape graphic shapes are the constituent elements of points and lines show, line more strongly than the application effect of point, are regularly arranged linear ground pavement can produce a strong sense of rhythm and sense of rhythm. The line is the concept, the concept of pavement is a figurative expression, the straight and curve, the length of the line, wide narrow, the severity of the ground material properties were assigned, form the style features of landscape, can give people different feelings. With the help of line state turning, continuous, abortive and other changes, can give people with power, speed, continuous, smooth, mobile, elastic and dynamic, ever-changing landscape and therefore.

Line. The arrangement of lines converging to the face, give people strength, speed and the direction of dynamic, Ningbo Tianyi Square many line along the certain direction of closely spaced tracks, forming a surface, surface is also the point of the gathering. Face width without thickness, the outer contour line of the shape of the surface form, is the basic unit of space, can surround a synthesis of a series of visual space. Application of "face" in the landscape graphic design is very extensive, the relationship between the proportion of the distribution position, directly affect the overall environment using square effect and visual sense of beauty. There is the morphology of the surface, is in itself a pattern, different forms of different psychological induction. Rectangular and square ground tidy rules, with a sense of stability; the pavement surface grid generation stillness, implies a static residence space; triangular ground sharp lively, is dynamic and vitality; triangle regularly combined to form a polygon surface, can form a directivity pattern, EMF has unified; circular ground gentle graceful, concentric circle can form a perfect pattern, not only has the sense of rhythm, but also has the centripetal; irregular shape ground, using the free form or imitation of natural texture, with natural, simple sense.

The basic form of landscape design

Symmetry and balance. Symmetry refers to the axis as the center, on both sides of the body or a position equal or relative, it is a stable, neat form, give a person calm, serious feeling, more applicable to the Memorial Plaza, the municipal assembly square etc.. Balance refers to the space inside the volume to achieve relative balance, this is not symmetric in the complete significance, but also a kind of balance of the visual experience, in the form of performance more natural diversity. Balanced distribution of pavement surface, make whole space atmosphere, everything in good order and well arranged neatly, square landscape design is suitable for various kinds of character and style. In the symmetrical layout, the center of the square is often located in the axis of symmetry, in a balanced form, square focus often balance and harmony. Center and the center of gravity is usually refers to the visual center of regional square, also is the center of the whole square landscape composition, embodies the nature and style of the entire square. Inside the square landscape, road paving, etc. form should be around the center of the layout of the corresponding settings.

Repetition and group. Repetition refers to the same or similar shape elements continuously, repeatedly, regular appearance or arrangement, can be a single factor repeated, also can be positive, negative shape alternately repeat, can also be a combination of diverse objects repeatedly. Repeated forms can make the environment neat, orderly and full of rhythm, and presents the harmony of visual effect, make the person feels in order. At the same time, using the constitution form of repetition can make the same graphic image appears repeatedly, can strengthen people visual memory about the object. In time square layout, repeated or interval repeated lines, shape and pattern is the use of repetition, the square of transverse or longitudinal repeat with the shape of the pattern, can have a certain sense of rhythm and sense of coherence. The skirt is a special form of repeat, repeat it as a general form that consists of four continuous development and form, it can be a square landscape design parallel symmetric basic shape arrangement, symmetrical arrangement or rotating radiation or multi direction free row of Figure 2 a 6 art Japan Yamanashi Prefecture in Forest Park, in the 3 meter wide grid arranged in different colors and shapes of the tiles, repetition and group makes the ground showing different shades of shadow, produce an overall balance effect.

Gradient and emission. The characteristics of gradient is refers to the basic shape gradually, regularly changing phenomenon, it has certain direction, in order to give people the beauty of rhythm. There are a lot of gradual form, mainly has the shape, size, position of gradient, gradient, color gradient direction etc.. The size and shape of the gradient can be used thickness, deformation, compression, increase and other means, to give people a sense of movement and a sense of space;

the location and direction of the gradient can be adopted density, displacement, angle conversion and other practices, enhance the sense of three-dimensional and spatial sense; the gradual change of color can be bright and dark, change in hue, purity, resulting in a beautiful visual effects. Apply a gradient in the form of square paving can produce very artistic space, give a person find everything fresh and new feeling. The launch is a special kind of repetition, but also a special gradient, it is characterized by the basic shape around the center point inward or outward orderly changes. Launch form outward spread has strong sense of expansion, inward emitting forms of concentration has a strong sense of contraction; the emission has a deep sense of space, with clear guidelines in the direction of. In the central or regional center square, often can use emission form, its form of expression is very rich, mainly centripetal, concentric, centrifugal, multi-core type etc.. In actual in landscape design in these forms can be used in combination, to achieve a good visual effect.

Contrast and unity. Comparative study is a free form, it through comparison and draw the difference; unity is the pursuit of the coordination and harmony, it through the various elements to reconcile and seek approximation. Contrast can be the size and the shape of contrast, the contrast of the actual color space, texture contrast, density separation of the contrast, contrast can be strongly can also be subtle, and unity is to proceed from the overall relationship, etc., the position relationship between the two aspects of the comparison of the primary and secondary in coordination, unity and not drab, comparison and not mixed and disorderly. In the large area of the square landscape, in order to achieve the unity of form, we often use the same texture or color material, however, this form of the lack of a sense of rhythm and sense of rhythm, monotonous. Form change, make good use of square landscape color change and the change of material reasonably, seek unity in the change, it is particularly important.

Conclusion

Landscape graphic form of city square, has the very big difference with the residential square, street environment, Park street environment ground forms. These are the city of public leisure space, but because of the nature of the use of space, environment and different flow, planar morphology of them have different characteristics: residential public space also has a certain degree of privacy, the main function is to meet people's daily travel and living and leisure, so landscape plane in the form of more performance for the "point" and "line"; street space due to the construction of layout constraints, often is the linear space; park and square as a public character and openness, but the park function is more important to beautify the environment, ecological protection, and provide a natural kind of leisure place for people the morphology, so more park landscape plane for the performance of "face", occasionally linear road thaw in them. Because the field properties and different functions, the plane shape of the rich and varied landscape square, a collection of three basic elements of point line surface, the shape elements arranged square ground reasonably, in order to reflect the principle of formal beauty in design.

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