



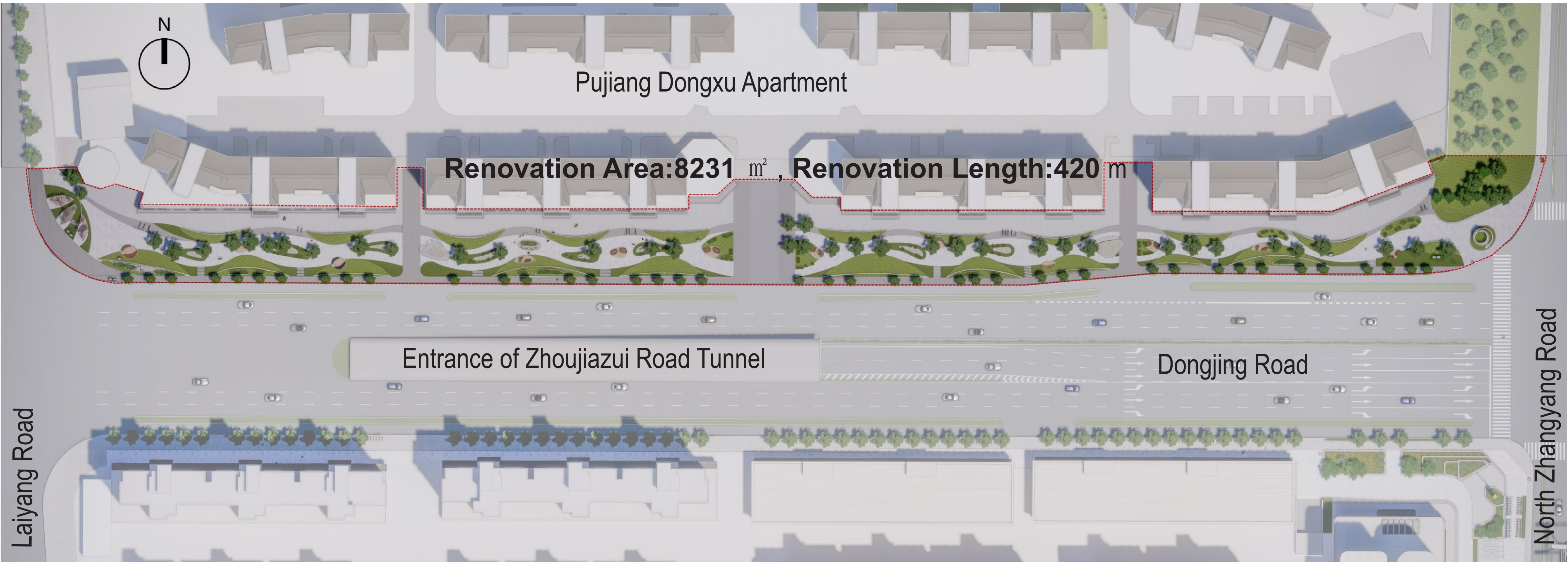
The Renovation of Zhoujiazui Road Tunnel Portal @Pudong Area, Shanghai, China

Project Statement

Located adjacent to Zhoujiazui Road Tunnel Portal, the Renovation of Zhoujiazui Road Tunnel Portal serves as a crucial gateway linking Puxi Area and Pudong Area. It stands as the premier display interface showcasing Pudong’s urban image. This design seeks to craft an unforgettable gateway landmark, to represent a distinctive “Urban Business Card” for Pudong Area.



The revitalized pedestrian landscape significantly enhances the urban living environment and becomes a beloved leisure destination for nearby residents to unwind after a day’s work.



Design Concept

Drawing inspiration from gracefully fluttering ribbons, our design concept embodies the idea of “unending vitality and dynamic city”. The landscape belt unfolds with smooth curves resembling dancing ribbons, creating a distinctive gateway landmark at Zhoujiazui Road Tunnel Portal. The renovation gives birth to a charming urban leisure promenade, offering a tranquil retreat amidst the bustling city.





Project Narrative and Contents

The renovation scope of this project is situated in Gaohang Town, Pudong New Area, spanning both sides of Dongjing Road from north to south, with boundaries extending from Pudong North Road to Zhangyang North Road, totaling a length of 420m. The renovation area covers approximately 8231 m² of ground landscapes, sculptural structures, sunshades, seating areas, charging piles, smart service facilities, and ground ecological amenities, etc..

The design proposal is characterized by a full embodiment of urban image display, urban governance leadership, and urban life humanism, with advanced concepts such as “low-carbon street” and “smart street” being introduced. It seeks to create a beautiful neighborhood with “the flavor of the times” ,thus providing residents with vibrant urban public spaces.



Landscaping



Featured Constructions



Service Facilities



Lighting

Site Issues

The original site is characterized by a deficiency in spatial quality and a lack of portal imagery. The street space lacked multiple functions and participatory interaction, resulting in its underutilization. Moreover, the limited variety of plant species contributed to the absence of distinctive features of the green landscape.



Before



After

Meandering Green Belt

The renovated pedestrian landscape belt, characterized by varied elevations and winding paths, offers a dynamic experience with changing views at every step. It not only significantly enhances the urban living environment but also becomes a beloved leisure destination for nearby residents to unwind after a day's work.



Ornamental Green Space

Distinctive shrubs are planted, with resilient, trampling-resistant grasses on the slopes. Decorative shrubs are added in specific areas, while the central ornamental green space features a diverse array of colorful plants, thus creating a unique ecological landscape.



Tree Planting

Near Laoyang Road, ginkgo trees are planted to create a distinctive autumn landscape known as “Ginkgo Avenue.” Near the entrance to Pujiang Dongxu Apartments, cherry blossom trees are also planted to create a vibrant spring landscape filled with colorful blooms.

Thematic Sculpture

At the intersection of Zhangyang Road and Dongjing Road, a thematic sculpture named “Flying Ribbon” is installed. This sculpture, resembling a soaring and dynamic ribbon, creates a distinctive portal image, especially when it is illuminated by colorful lights at night.



Artistic Sunshades

At the intersection of Laiyang Road and Dongjing Road, an artistic sunshade called “Colorful Falling Leaves” is installed. The sunshade, with its undulating and lightweight form, resembles fluttering leaves, thus providing a charming and comfortable resting spot for pedestrians.



Child-Friendly Street

Various three-dimensional green slopes are incorporated into the landscape belt, offering spaces to children to climb and run. Additionally, whimsical gardens, playful seatings, and artistic structures are provided to stimulate children's curiosity and desire for exploration.





Child-Friendly Street

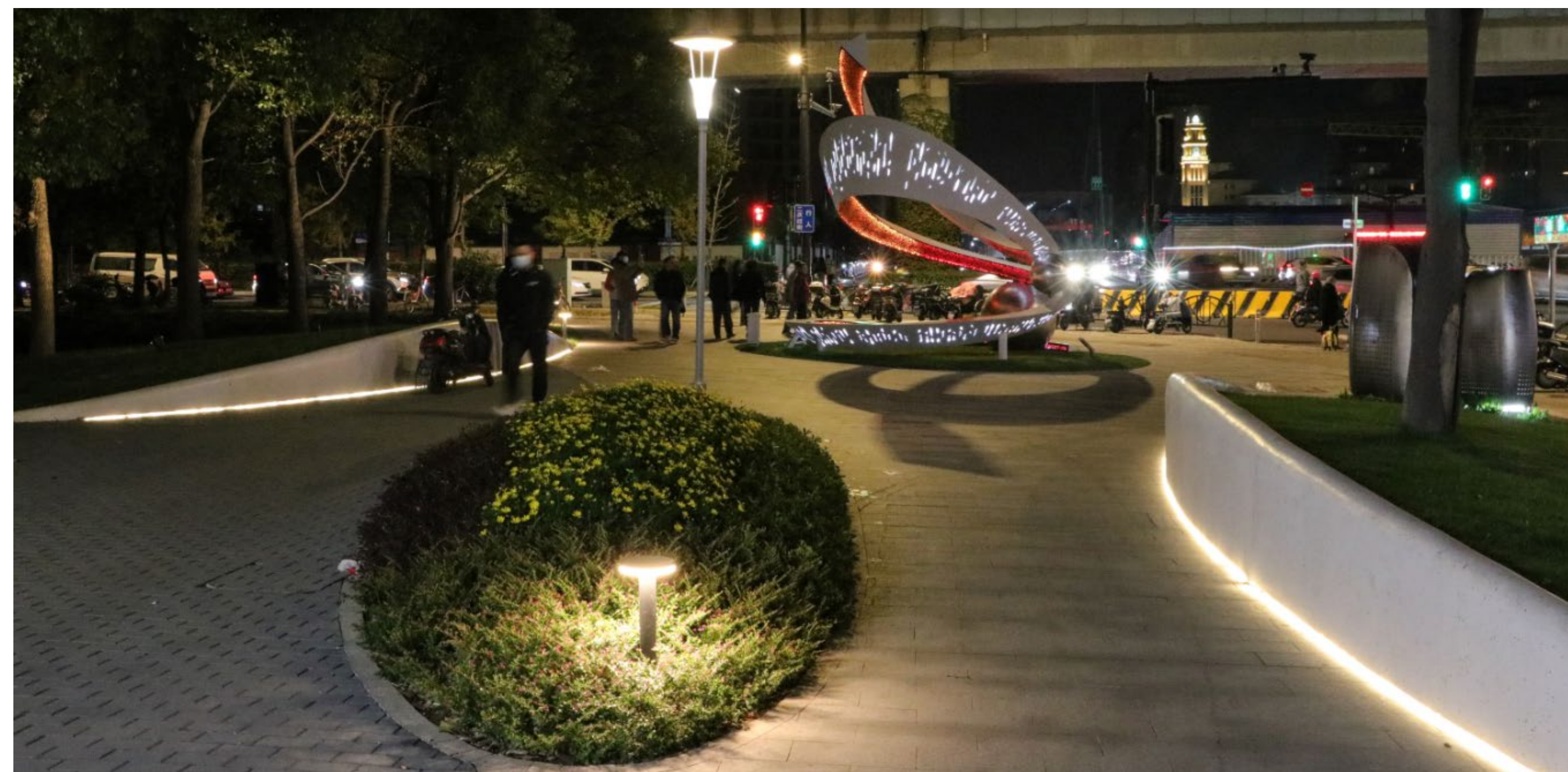
Characteristic Charging Piles

Three characteristic charging piles are placed along the landscape belt□providing convenient charging facilities of electromobiles for citizens. The charging piles are composed of a special set of letters in vibrant colors, adding an element of fun and creativity to the street.



Landscape Illumination

Various types of lighting fixtures such as courtyard lights, lawn lamps, tree shooting lights, and LED light strips are placed along the landscape belt. Warm-colored light are utilized to establish a harmonious atmosphere during the night.



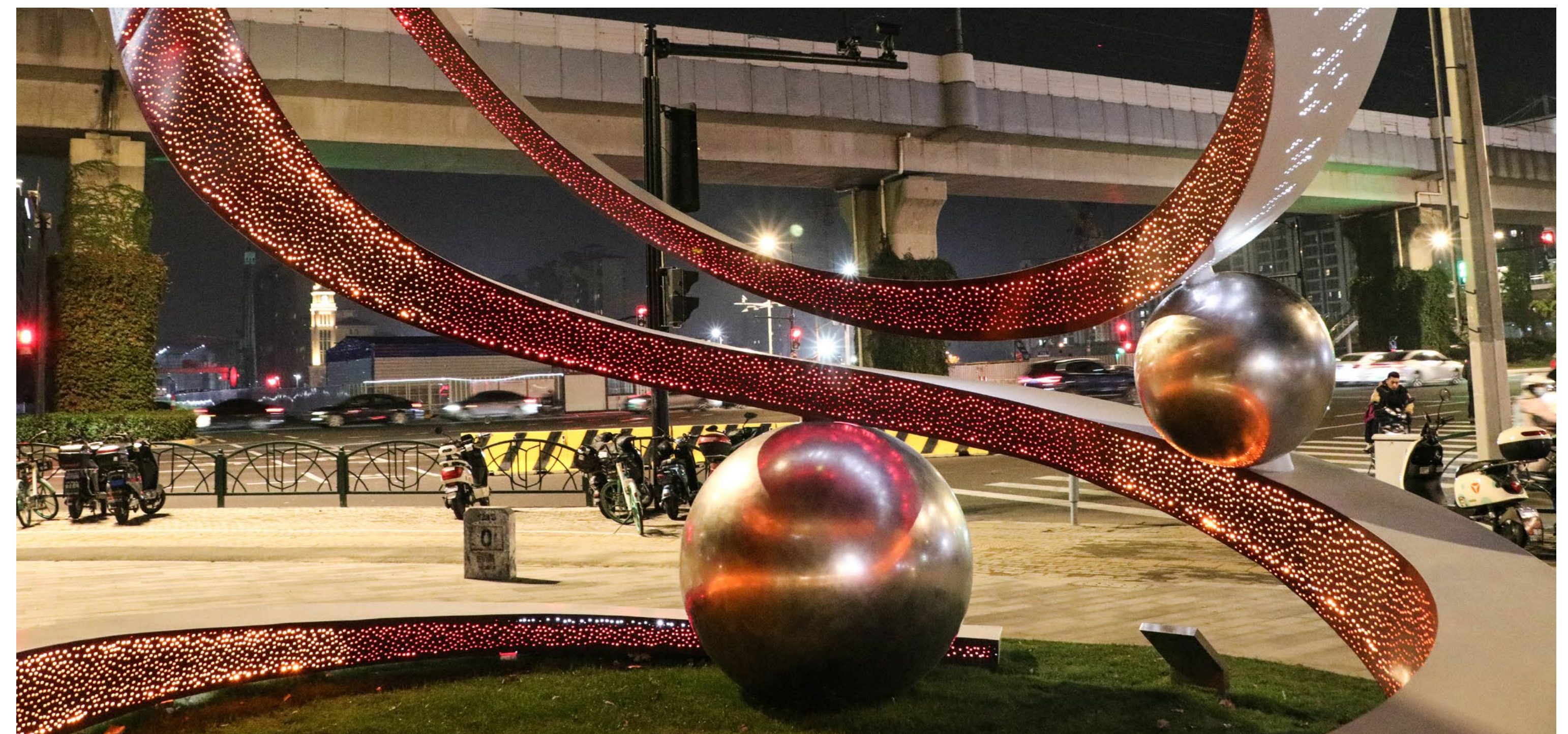
Artistic Electrical Box Covers

Silver perforated steel panels are used to create “lantern” shaped covers for the existing electrical boxes. The design not only enhances the visual appeal but also integrates these functional elements seamlessly into the overall landscape.



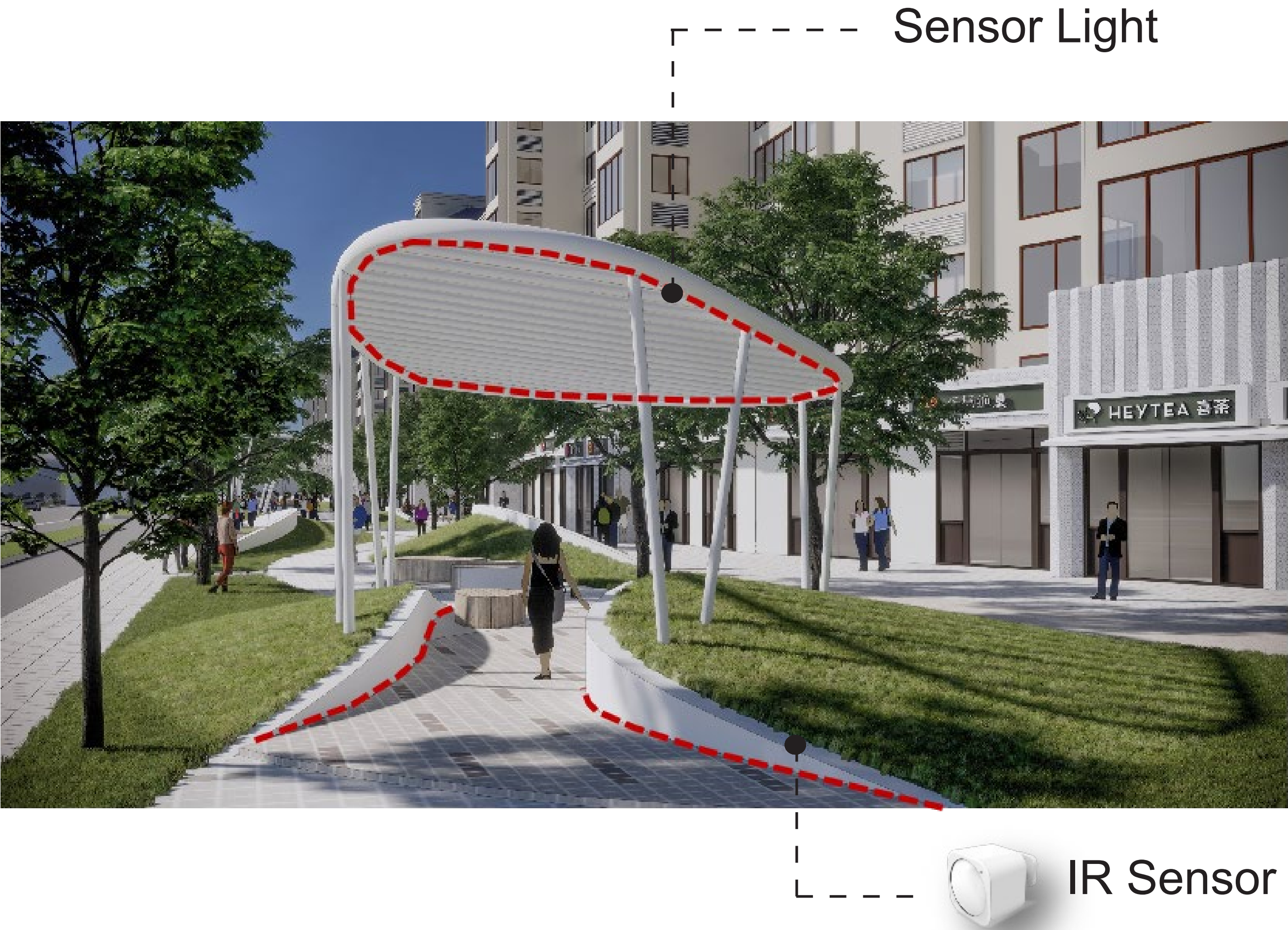
Vibrant Art Lights

The iconic sculpture is accentuated with dynamic LED lights, transitioning in hues of red and yellow. The lights mimic flickering flames, adding a captivating view to the night scene.



Smart Street Strategies

The landscape zone is equipped with “intelligent light control”, “intelligent projection light”, “intelligent broadcasting” and other systems, practicing the concept of smart street and creating a new-age neighborhood atmosphere full of fun and a sense of technology.



Low-carbon Strategies



Artistic Charging Piles

Artistic charging piles to encourage low-carbon life

Sponge City Strategies

Within the central pedestrian walkway, to achieve the “sponge city” effect, permeable pavement tiles are employed.

Photovoltaic Solar Energy

Several photovoltaic seatings are installed along the street, featuring photovoltaic panels on the sitting surfaces and equipped with public phone charging ports.

Low-carbon materials

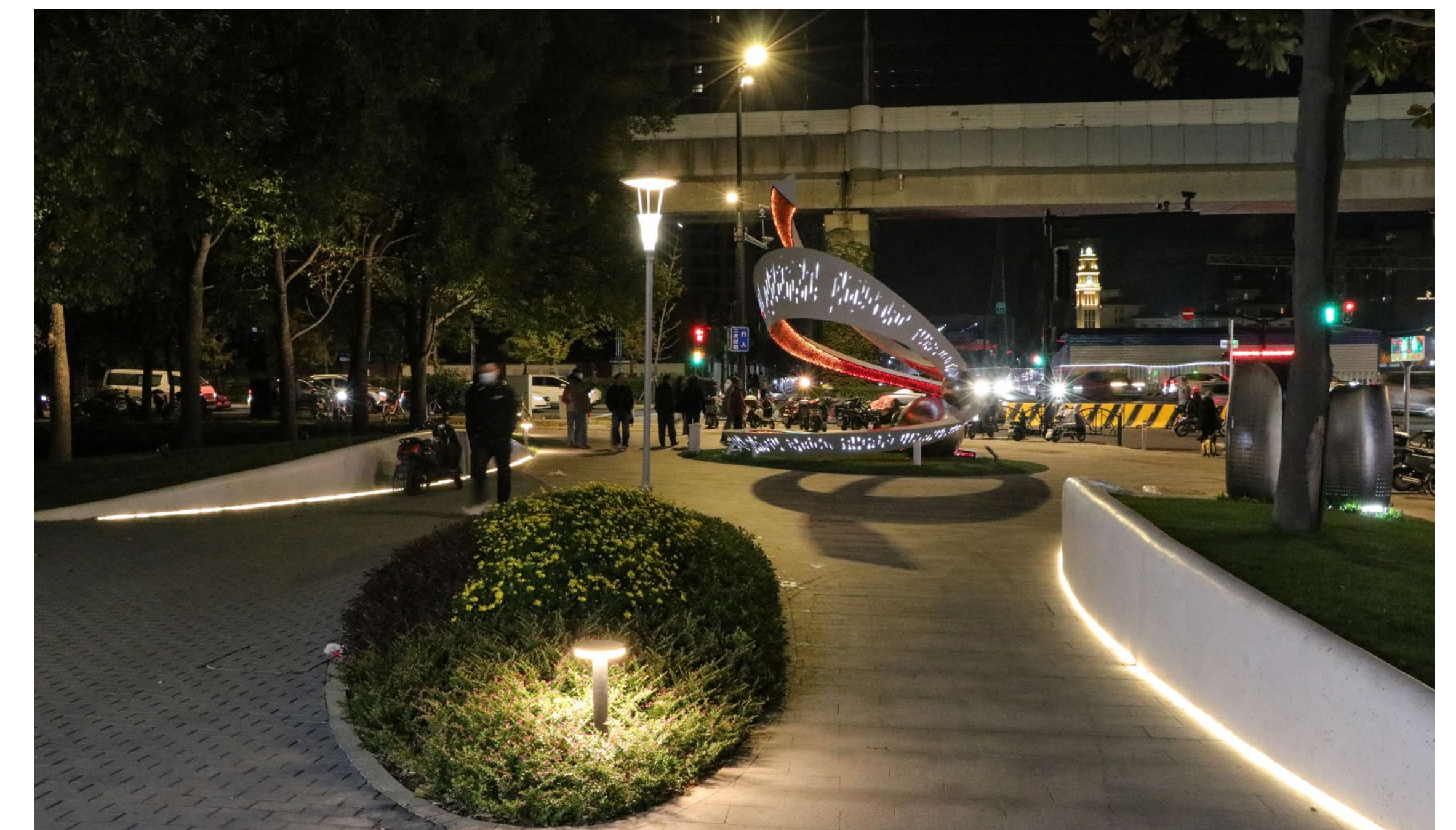
The project utilizes a large number of green building materials, and the landscape piece walls are made of low-carbon concrete materials.

Low-carbon Strategies



Ecological rain gardens

Ecological rain gardens are strategically placed at important nodes, complemented by informative display boards to promote ecological awareness among the public.



Solar-powered LED Lights

Solar-powered LED lights are uniformly used for illumination along the landscape belt, achieving highly efficient energy saving.



The once dilapidated roadside green spaces have been renovated, becoming urban public spaces suitable for all ages, filled with laughter and joy. The revitalized pedestrian landscape significantly enhances the urban living environment and becomes a beloved leisure destination for nearby residents to unwind after a day's work.