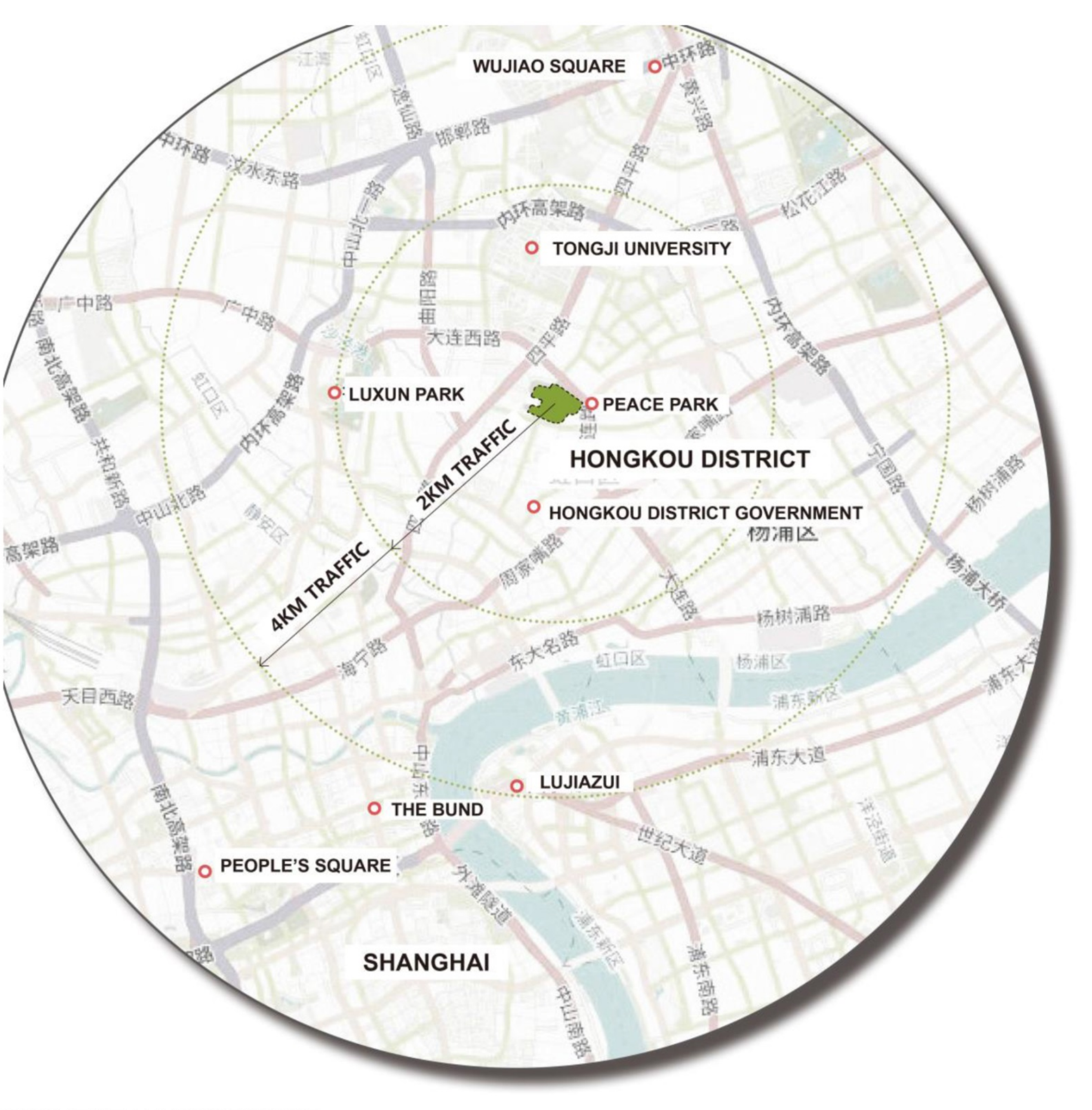
SHANGHAI PEACE PARK RENOVATION

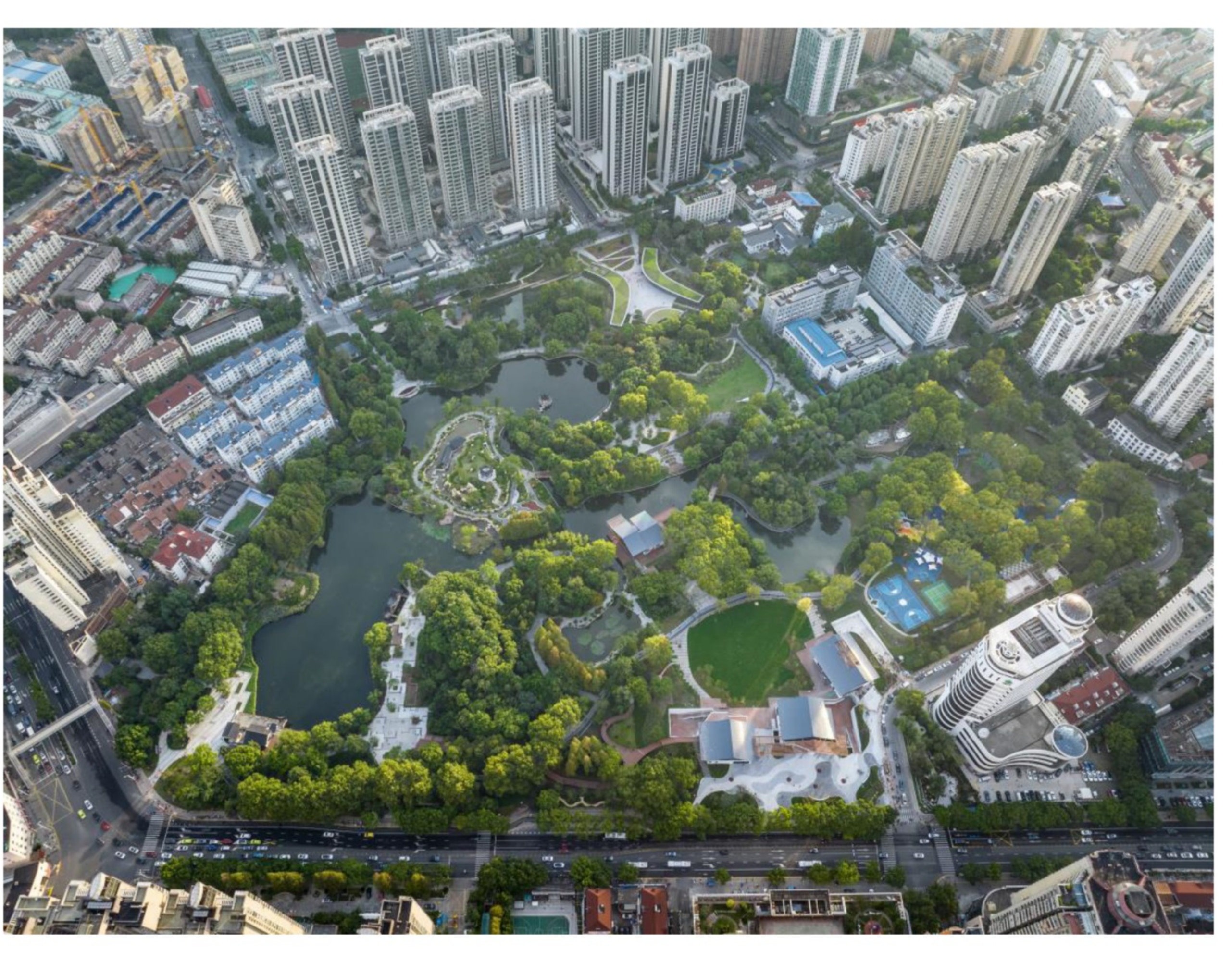
LOCATION ANALYSIS

Shanghai Peace Park is situated on No. 1131, Dalian Road, Hongkou District, Shanghai. Originally named Tilan Park, it was established in 1958 and covers 264 mu of land, including 50 mu of water areas. It's a comprehensive park featuring China's natural landscape garden style.


WUJIAO SQUARE
TONGJI UNIVERSITY
LUXUN PARK
PEACE PARK
HONGKOU DISTRICT
2KM TRAFFIC
HONGKOU DISTRICT GOVERNMENT
4KM TRAFFIC
LUJIAZUI
THE BUND
PEOPLE'S SQUARE
SHANGHAI

PROJECT BACKGROUND

What hides in this landscape garden is the history and the hustle and bustle of Shanghai's Hongkou District. The government reconstructed this war-torn land into a comprehensive park with picturesque scenery. Since this park was established in 1959, an international community has been constructed and developed nearby. By contrast, the park appeared messy and old, with nondescript landscape characteristics, backward bodybuilding and entertainment facilities, and inadequate linkage with the outside world due to enclosed boundaries. As these contradictions became increasingly prominent, upgrading and reconstructing this park became extremely urgent.



DESIGN CONCEPTS: VITALITY, PEACE AND EVERLASTING

① Boundless—Adhere to expressing the concept of Park City
As a continuously growing park city system, it interprets the historical outlook on development, embodies philosophical & dialectical thoughts and humanistic sentiments, and portrays the beautiful scroll of quality life and an international-style sense of belonging.

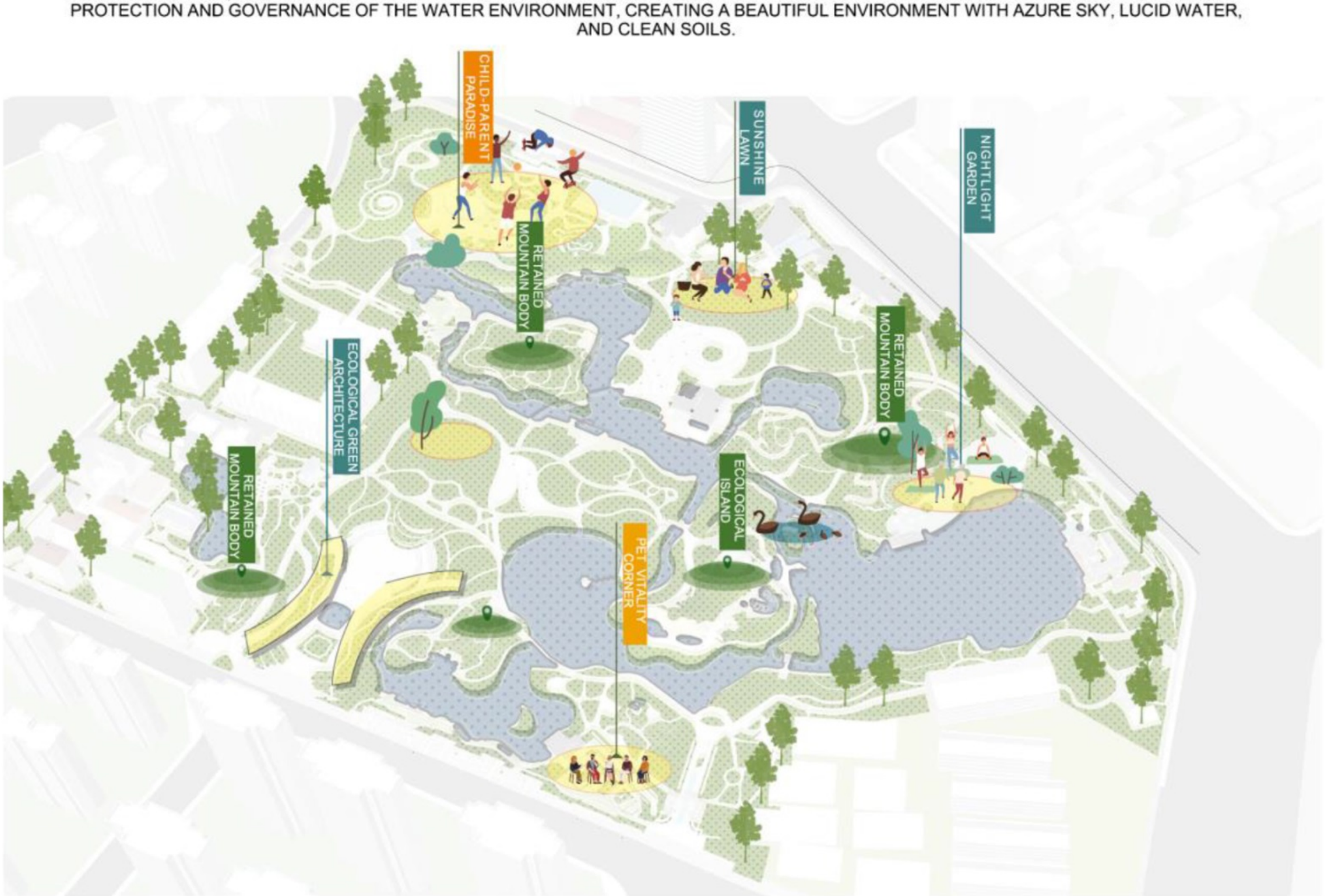
② Renewal—Insist on the basic strategy of park renewal
As a soul-relaxing neighborhood community park, it observes the park reconstruction strategy of "adaptation to local conditions, spatial integration, ecological restoration, and innovative improvement", coordinates the systems of space, styles, and functions, and carries out organic renewal and precise strategy implementation.

③ Interaction—Insist on the fashion trend of a park life
As the green heart for popularizing wisdom and interacting with citizens, it becomes a shared living room that integrates a beautiful environment and comprehensive functions. It has emerged as a new park featuring cluster development, functional recombination, and stereoscopic scenarios, guiding the coordination and development of production, life, and ecology in the surrounding region.

TO CREATE A NATURAL HABITAT FEATURING HARMONIOUS COEXISTENCE FOR "PARK +"

TO EXPERIENCE A NATURAL AND ECOLOGICAL LANDSCAPE PATTERN

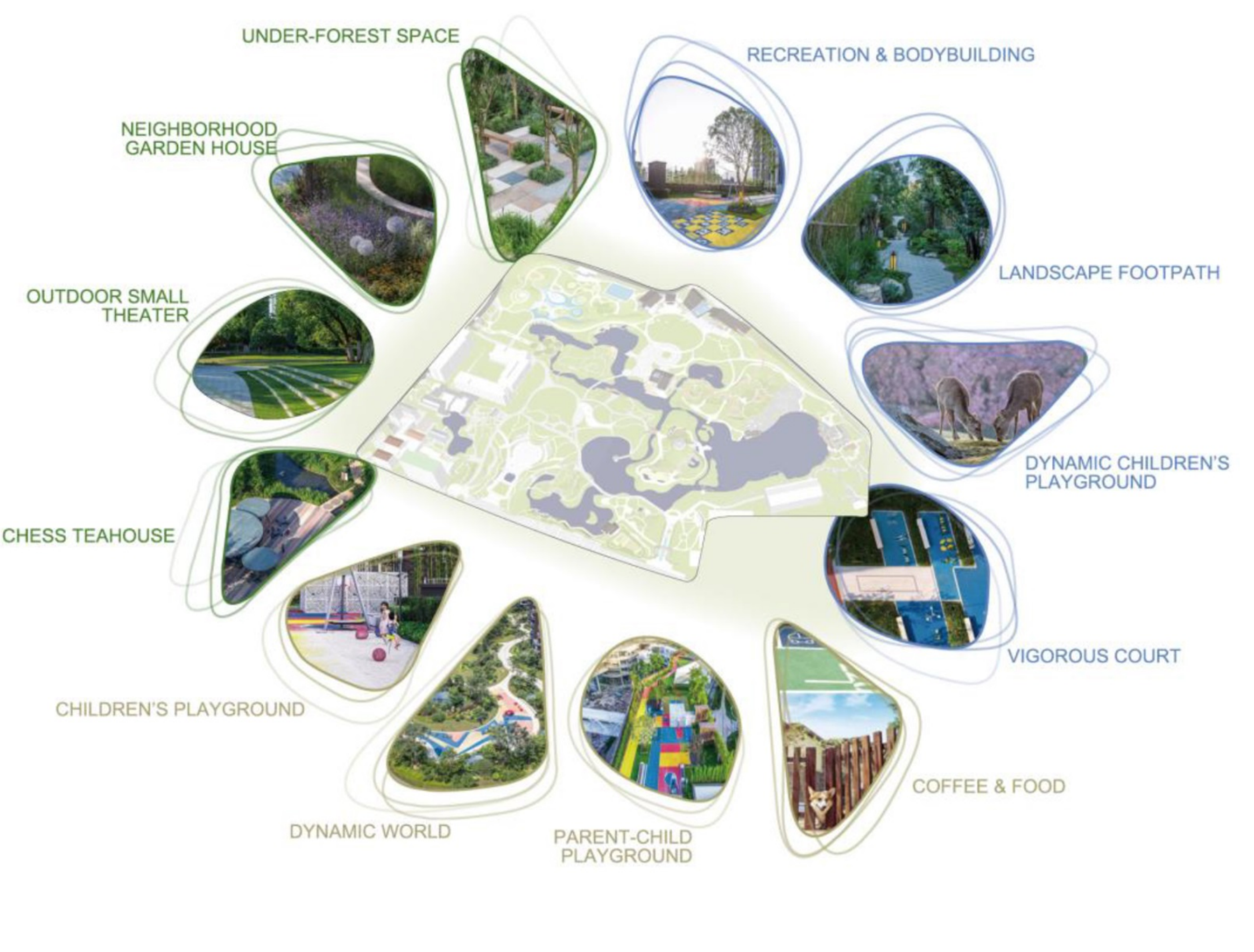
THE PARK'S ECOLOGICAL TEXTURE AND FOUNDATION WERE PRESERVED, WHILE THE GREENING SPACE IN THE ECOLOGICAL ZONE WAS ENHANCED. ALSO, EFFORTS WERE MADE TO ENHANCE THE QUALITY OF THE ECOLOGICAL ENVIRONMENT AND STRENGTHEN THE PROTECTION AND GOVERNANCE OF THE WATER ENVIRONMENT, CREATING A BEAUTIFUL ENVIRONMENT WITH AZURE SKY, LUCID WATER, AND CLEAN SOILS.


CHILD-PARENT PARADISE
SUNSHINE LAWN
NIGHTLIGHT GARDEN
RETAINED MOUNTAIN BODY
RETAINED MOUNTAIN BODY
ECOLOGICAL GREEN ARCHITECTURE
RETAINED MOUNTAIN BODY
ECOLOGICAL ISLAND
PET VITALITY CORNER

TO CREATE VIGOROUS BUSINESS FUNCTIONS FOR "PARK +"

TO MEET INNOVATION VITALITY IN THE URBAN PARK

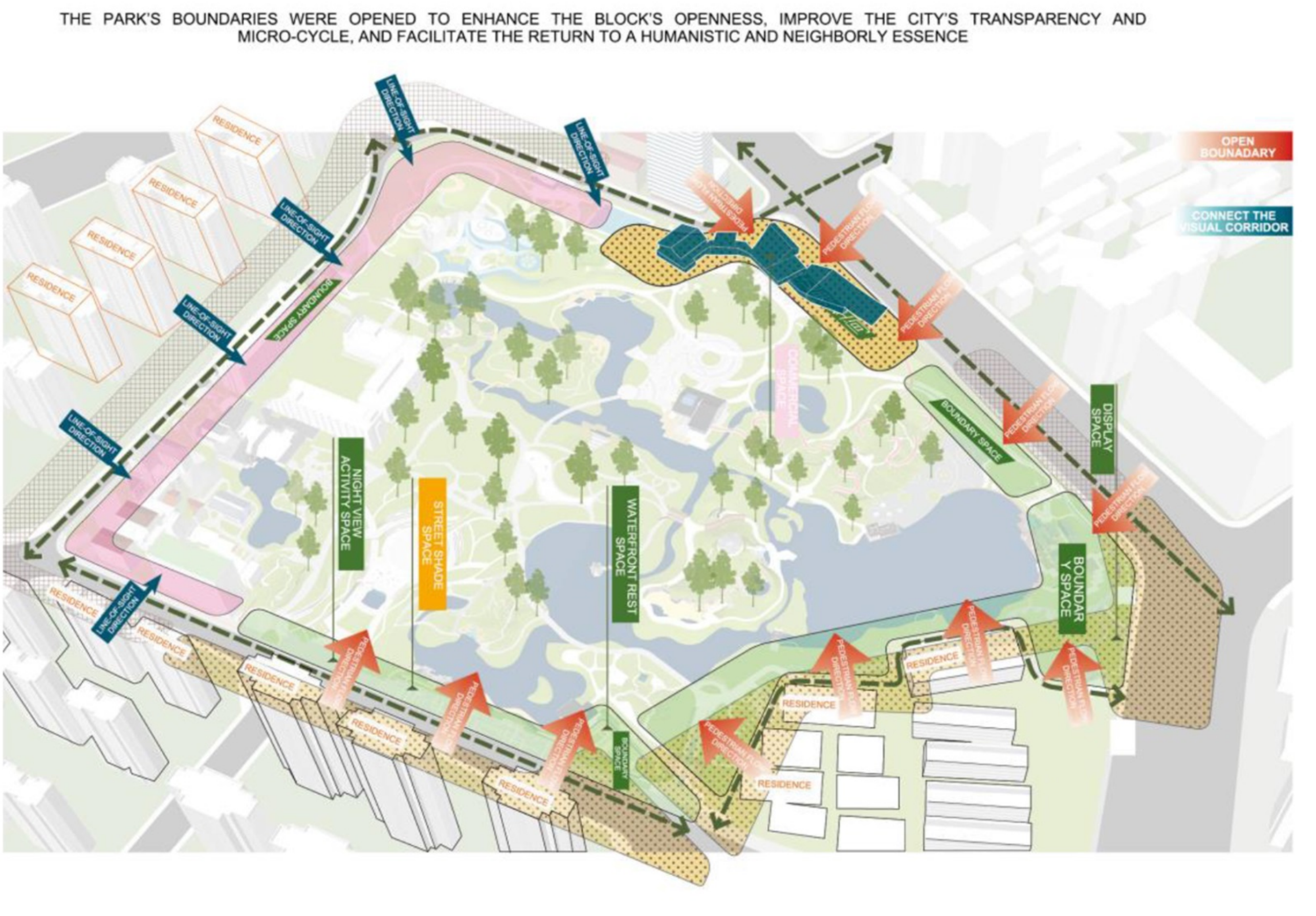
A COMFORTABLE AND PLEASANT LEISURE INTERACTION SCENE WAS CREATED TO PROMOTE THE INTEGRATION, COMMUNICATION, AND INTERACTIONS BETWEEN PEOPLE IN THE COMMUNITY AND FORM A HEALTHY, NATURAL, HARMONIOUS, AND CARING GARDEN COMMUNITY ATMOSPHERE.


UNDER-FOREST SPACE
RECREATION & BODYBUILDING
NEIGHBORHOOD GARDEN HOUSE
LANDSCAPE FOOTPATH
OUTDOOR SMALL THEATER
DYNAMIC CHILDREN'S PLAYGROUND
CHESS TEAHOUSE
VIGOROUS COURT
CHILDREN'S PLAYGROUND
COFFEE & FOOD
DYNAMIC WORLD
PARENT-CHILD PLAYGROUND

TO CREATE AN OPEN AND COMFORTABLE LIVING BLOCK FOR "PARK +"

TO ACHIEVE A NATURAL TRANSITION FOR THE PARK'S BOUNDARIES

THE PARK'S BOUNDARIES WERE OPENED TO ENHANCE THE BLOCK'S OPENNESS, IMPROVE THE CITY'S TRANSPARENCY AND MICRO-CYCLE, AND FACILITATE THE RETURN TO A HUMANISTIC AND NEIGHBORLY ESSENCE

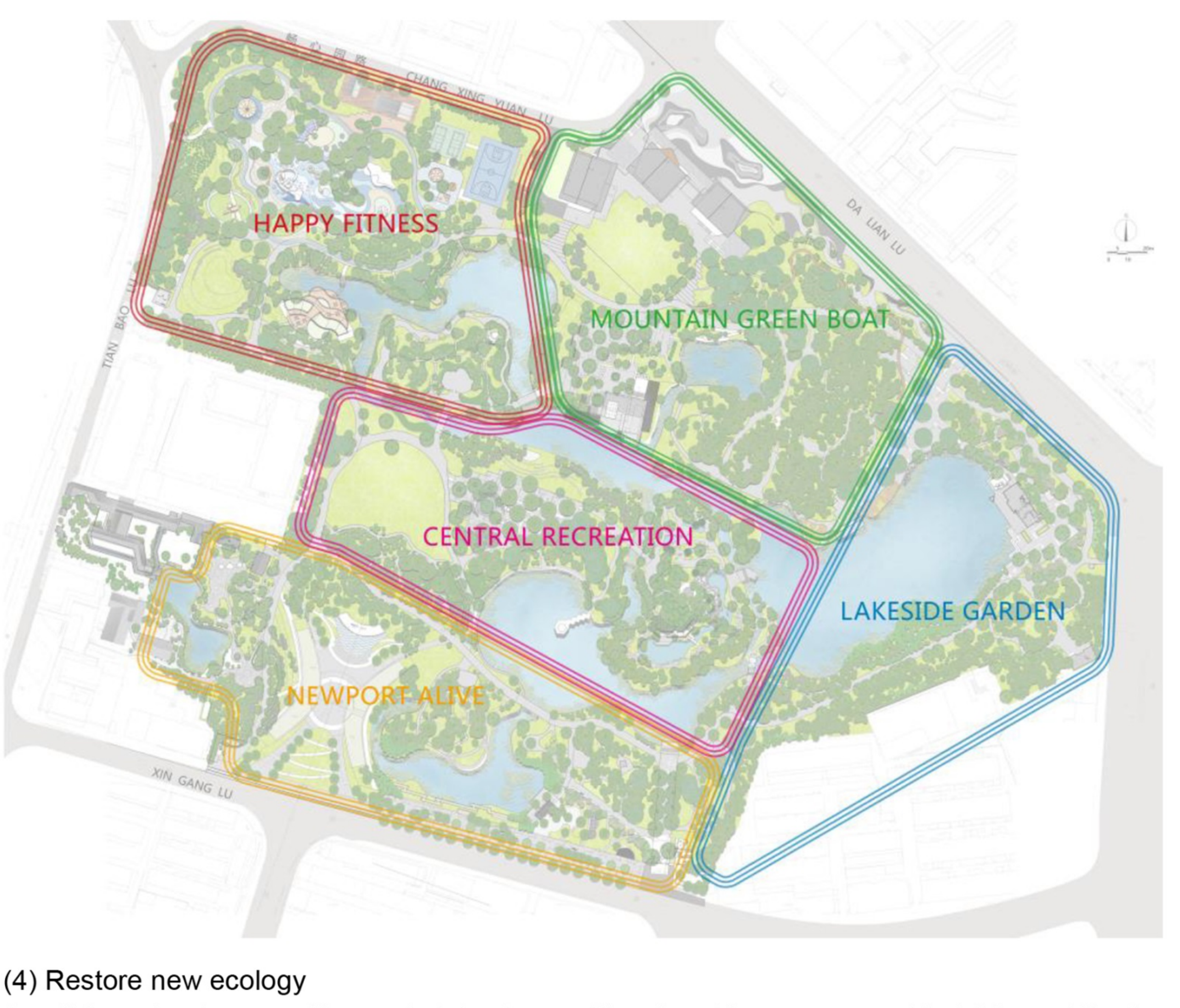

OPEN BOUNADARY
CONNECT THE VISUAL CORRIDOR
RESIDENCE
LINE-OF-SIGHT DIRECTION
BOUNDARY SPACE
PEDESTRIAN FLOW DIRECTION
DISPLAY SPACE
NIGHT VIEW ACTIVITY SPACE
STREET SHADE SPACE
WATERFRONT REST SPACE
BOUNDARY SPACE

OVERALL DESIGN

(1) Update the main garden path
The main garden path was properly adjusted to connect five garden areas, five entrances, and five exits, forming a fashionable, intimate circular greenway path;

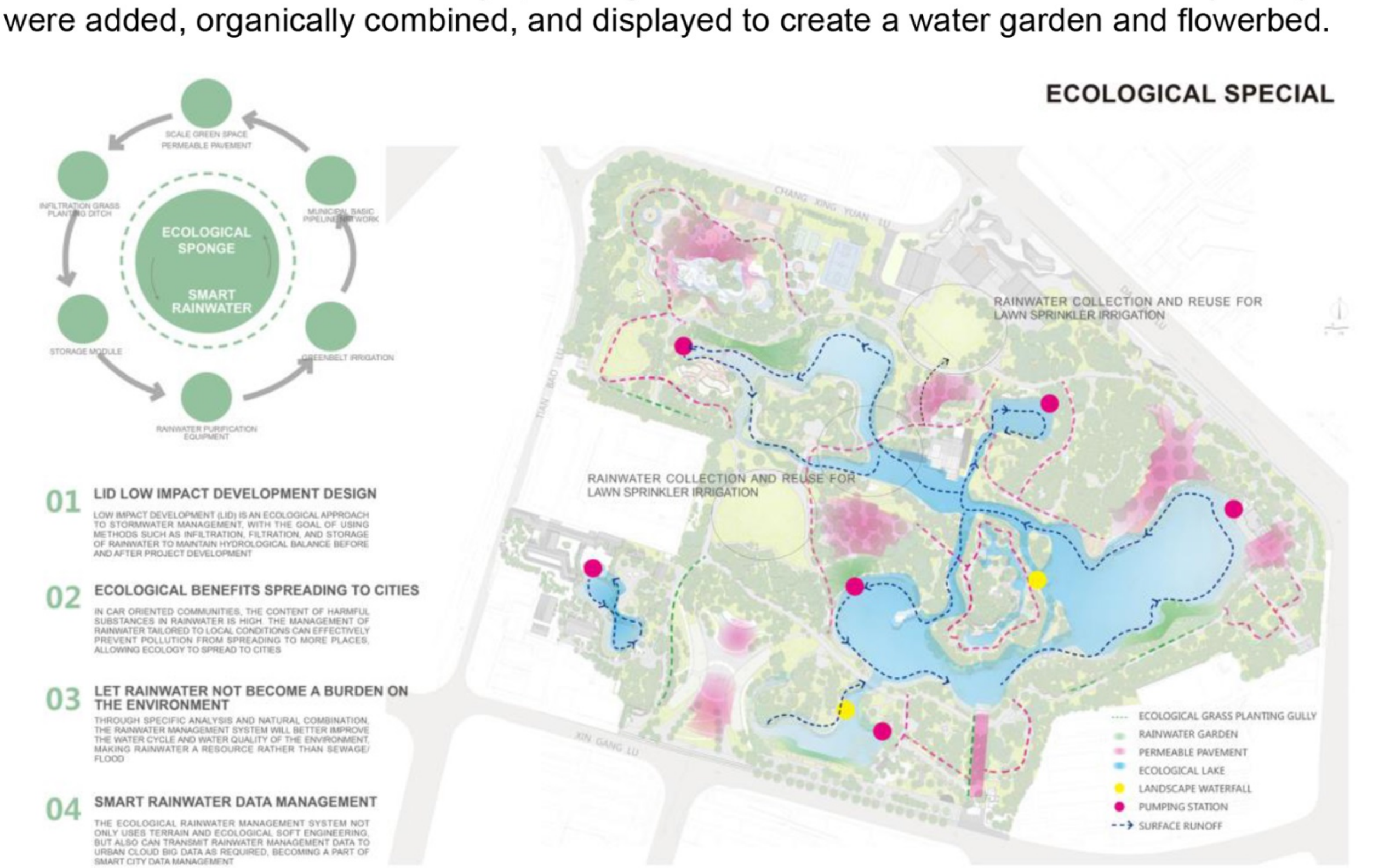
(2) Build new heights
An overhead trestle was built on the main mountain body in the north based on the current height difference of the site to connect the mountain footpath with the lakeside architecture and enhance visual changes;

(3) Highlight new styles
The buildings in the park were integrated and sorted out to remove impurities, present an orderly look, and combine existing functions. Meanwhile, modern innovation techniques were combined with the dense traditional landscape to represent the architectural style of "Metropolitan Jiangnan". Beyond that, scattered buildings were removed, and large buildings were relocated to the southern and northern sides facing the street. A green hinterland is expanded in the center. Then, the expansion of the garden house, courtyard, garden, water landscape, and earthing overlap to create a poetic compound space. The percentage of land area covered by all architecture in the park was confined to 6%.


CHANG XING YUAN LU
DA LIAN LU
TIAN BAO LU
XIN GANG LU
HAPPY FITNESS
MOUNTAIN GREEN BOAT
CENTRAL RECREATION
LAKESIDE GARDEN
NEWPORT ALIVE

(4) Restore new ecology
Small flowering trees and large skeleton trees with colored leaves were added. Meanwhile, the function of popularizing plant knowledge was added, and plants with regional characteristics were arranged to be more recognizable. In the upper layer, the large skeleton trees with attractive modeling were preserved; the truncated seedlings in key nodes of the square were replaced with superior trees with colored leaves, such as red maples and Nuttall Oaks. In the middle layer, the large luxuriant shrubs that block the view were cut, and small trees with pink-white flowers were added, such as Yuxiangdi and Hejinying, to ensure the view was open and unblocked. In the bottom layer, wide ground cover varieties and shoreline aquatic plants were added, organically combined, and displayed to create a water garden and flowerbed.

ECOLOGICAL SPECIAL


SCALE GREEN SPACE PERMEABLE PAVEMENT
MUNICIPAL BASIC PIPELINE NETWORK
GREENBELT IRRIGATION
RAINWATER PURIFICATION EQUIPMENT
STORAGE MODULE
INFILTRATION GRASS PLANTING DITCH
ECOLOGICAL SPONGE
SMART RAINWATER
CHANG XING YUAN LU
XIN GANG LU
RAINWATER COLLECTION AND REUSE FOR LAWN SPRINKLER IRRIGATION
RAINWATER COLLECTION AND REUSE FOR LAWN SPRINKLER IRRIGATION
ECOLOGICAL GRASS PLANTING GULLY
RAINWATER GARDEN
PERMEABLE PAVEMENT
ECOLOGICAL LAKE
LANDSCAPE WATERFALL
PUMPING STATION
SURFACE RUNOFF

01 LID LOW IMPACT DEVELOPMENT DESIGN
LOW IMPACT DEVELOPMENT (LID) IS AN ECOLOGICAL APPROACH TO STORMWATER MANAGEMENT, WITH THE GOAL OF USING METHODS SUCH AS INFILTRATION, FILTRATION, AND STORAGE OF RAINWATER TO MAINTAIN HYDROLOGICAL BALANCE BEFORE AND AFTER PROJECT DEVELOPMENT

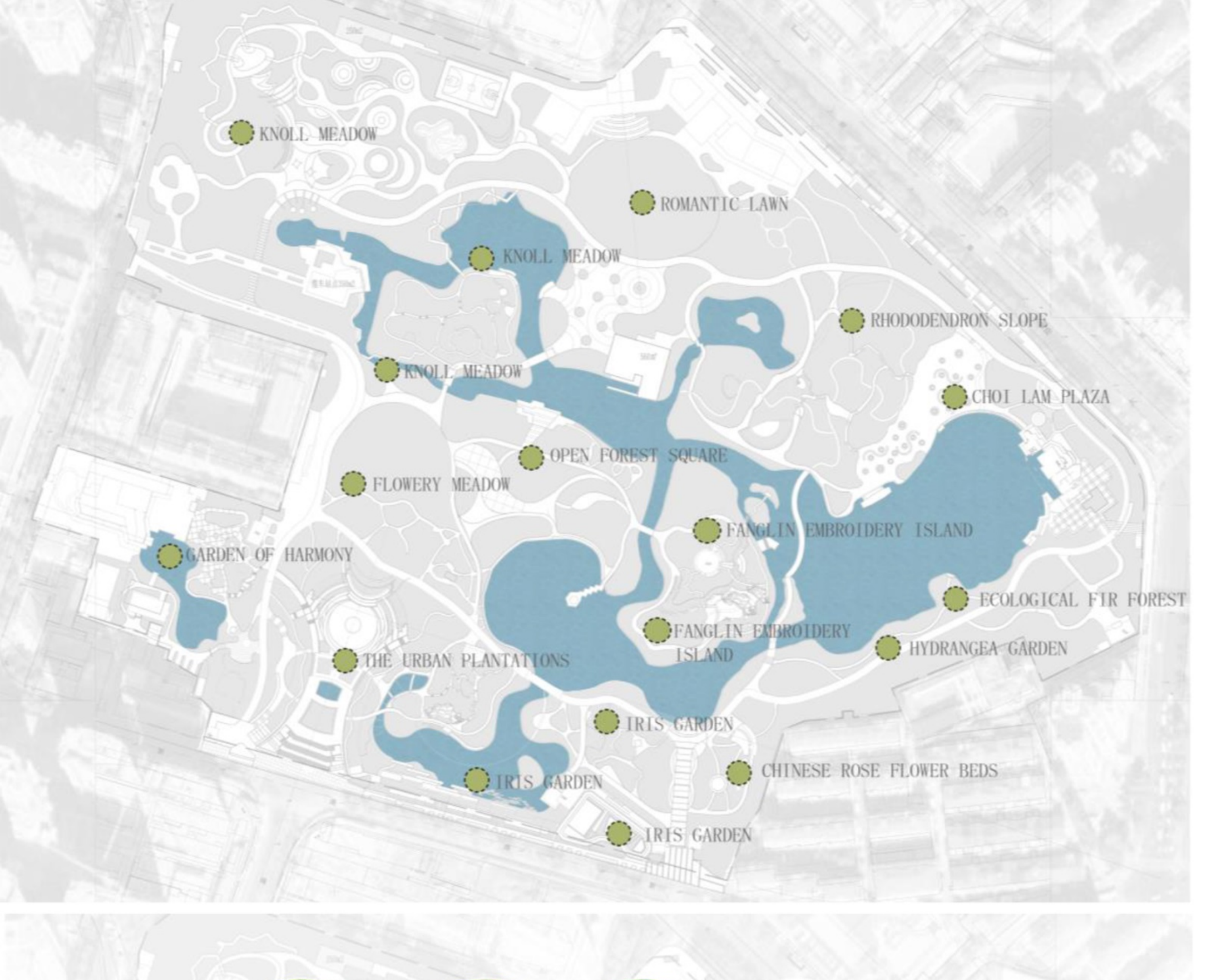
02 ECOLOGICAL BENEFITS SPREADING TO CITIES
IN CAR ORIENTED COMMUNITIES, THE CONTENT OF HARMFUL SUBSTANCES IN RAINWATER IS HIGH. THE MANAGEMENT OF RAINWATER TAILORED TO LOCAL CONDITIONS CAN EFFECTIVELY PREVENT POLLUTION FROM SPREADING TO MORE PLACES, ALLOWING ECOLOGY TO SPREAD TO CITIES

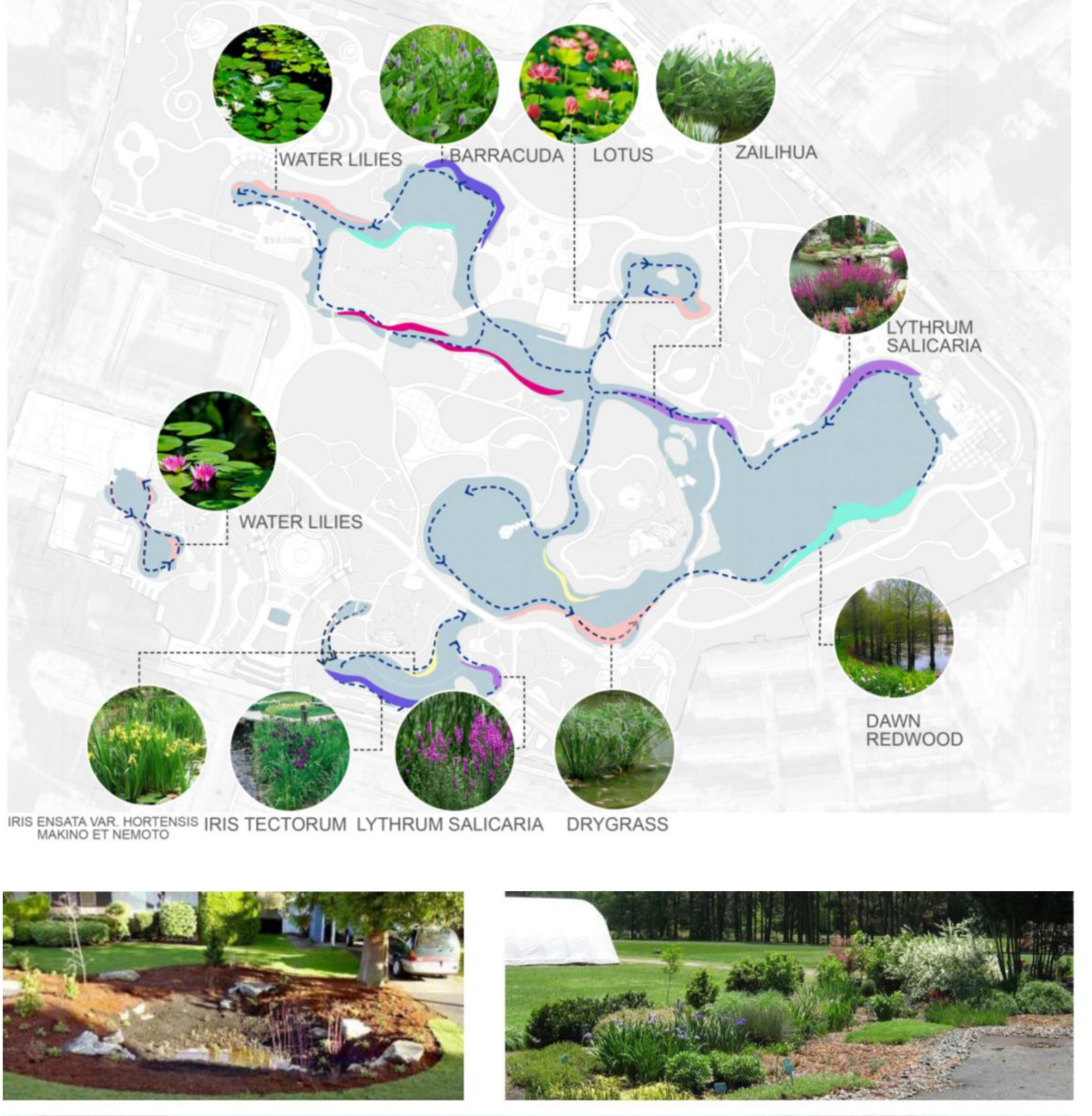
03 LET RAINWATER NOT BECOME A BURDEN ON THE ENVIRONMENT
THROUGH SPECIFIC ANALYSIS AND NATURAL COMBINATION, THE RAINWATER MANAGEMENT SYSTEM WILL BETTER IMPROVE THE WATER CYCLE AND WATER QUALITY OF THE ENVIRONMENT, MAKING RAINWATER A RESOURCE RATHER THAN SEWAGE/ FLOOD

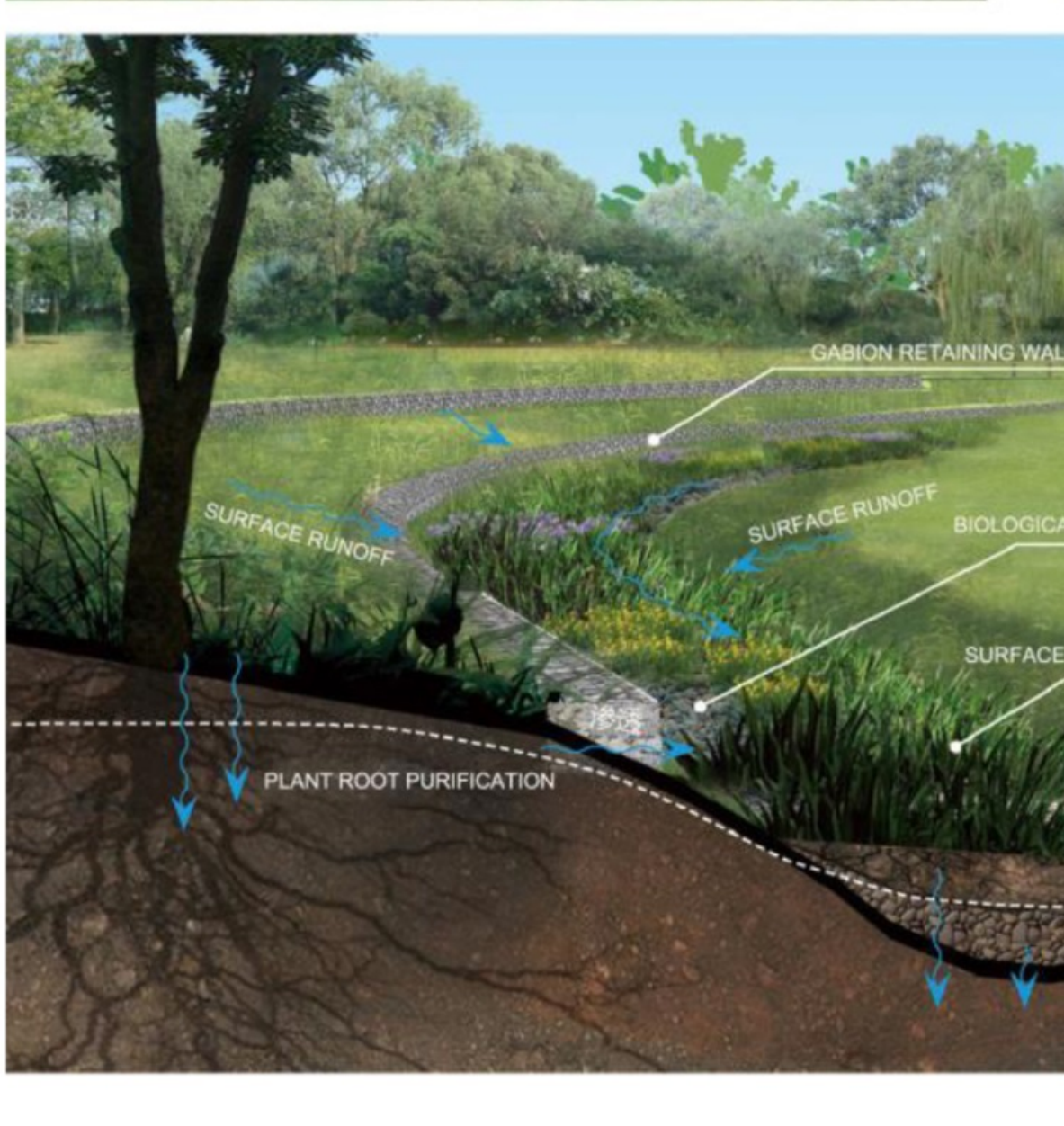
04 SMART RAINWATER DATA MANAGEMENT
THE ECOLOGICAL RAINWATER MANAGEMENT SYSTEM NOT ONLY USES TERRAIN AND ECOLOGICAL SOFT ENGINEERING, BUT ALSO CAN TRANSMIT RAINWATER MANAGEMENT DATA TO URBAN CLOUD BIG DATA AS REQUIRED, BECOMING A PART OF SMART CITY DATA MANAGEMENT

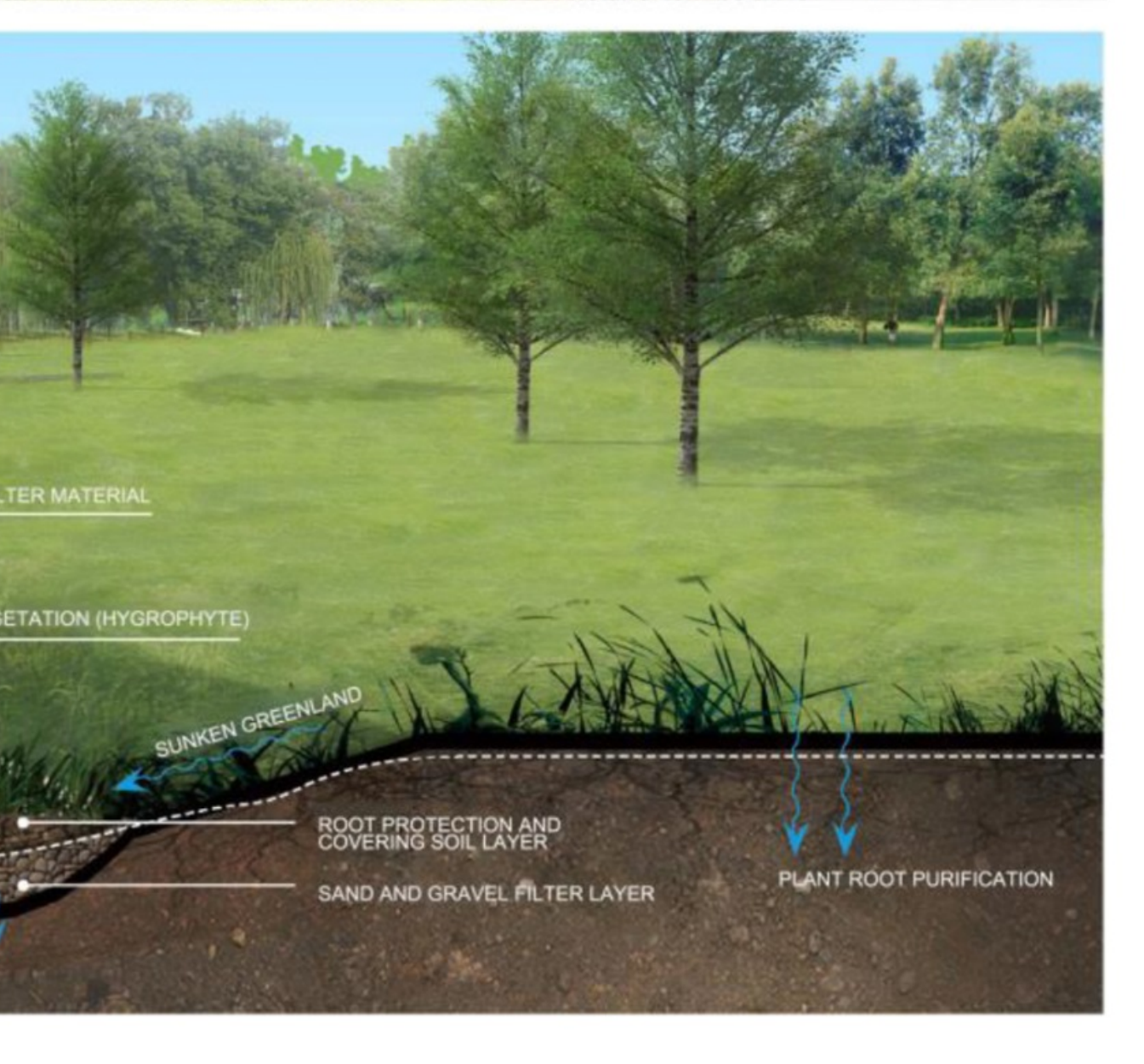
(5) Activate new shoreline
The circular water system was connected to activate the concave bank and the source. Meanwhile, aquatic vegetation with purification functions was planted, and flexible revetments were added in the lakeside park zone to provide a favorable environment for the waterfront space design.

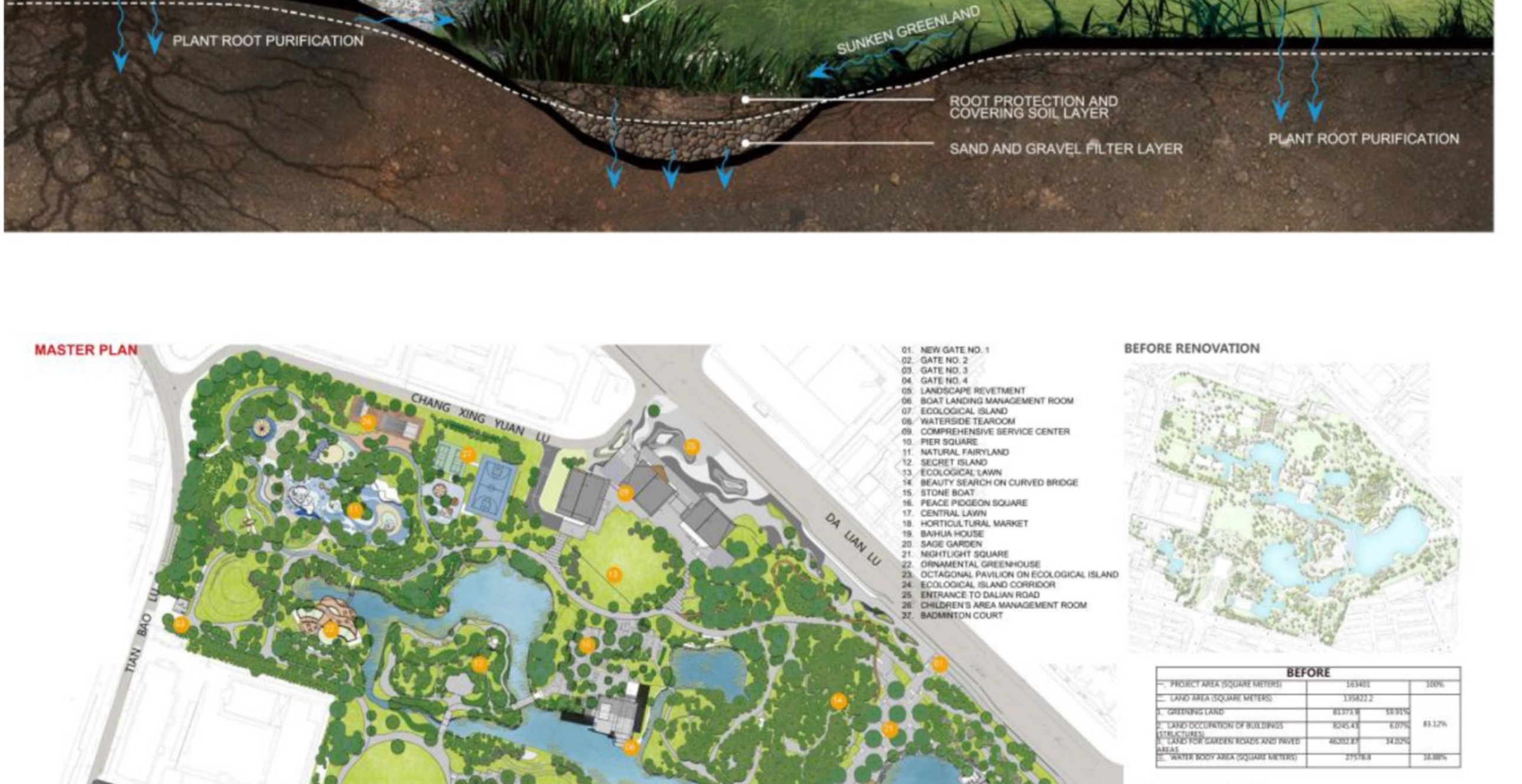
(6) Light up new night scenes
Efforts were made to construct three characteristic night scenes in the park based on meeting energy conservation, safety, and other common lighting conditions. The first is Waterside Tea Pavilion—The original No.1 Gate is combined with the lakeside forest square to create a water-view garden with glistening light. The second is Metropolitan Jiangnan—It consists of recreational architecture for large displays and a large lawn, serving as a fashion stage for etiquette and art seasons. The third is Galaxy World—It consists of the New Port Market Fair, Peace Square, and Lakeside Vitality Belt, which jointly create a star-lit prosperous space-time, provide a venue for nightlife in the community, and serve as a central vitality park that can be viewed both day and night.


KNOLL MEADOW
ROMANTIC LAWN
KNOLL MEADOW
RHODODENDRON SLOPE
KNOLL MEADOW
CHOI LAM PLAZA
OPEN FOREST SQUARE
FLOWERY MEADOW
FANGLIN EMBROIDERY ISLAND
GARDEN OF HARMONY
ECOLOGICAL FIR FOREST
FANGLIN EMBROIDERY ISLAND
HYDRANGEA GARDEN
THE URBAN PLANTATIONS
IRIS GARDEN
IRIS GARDEN
CHINESE ROSE FLOWER BEDS
IRIS GARDEN

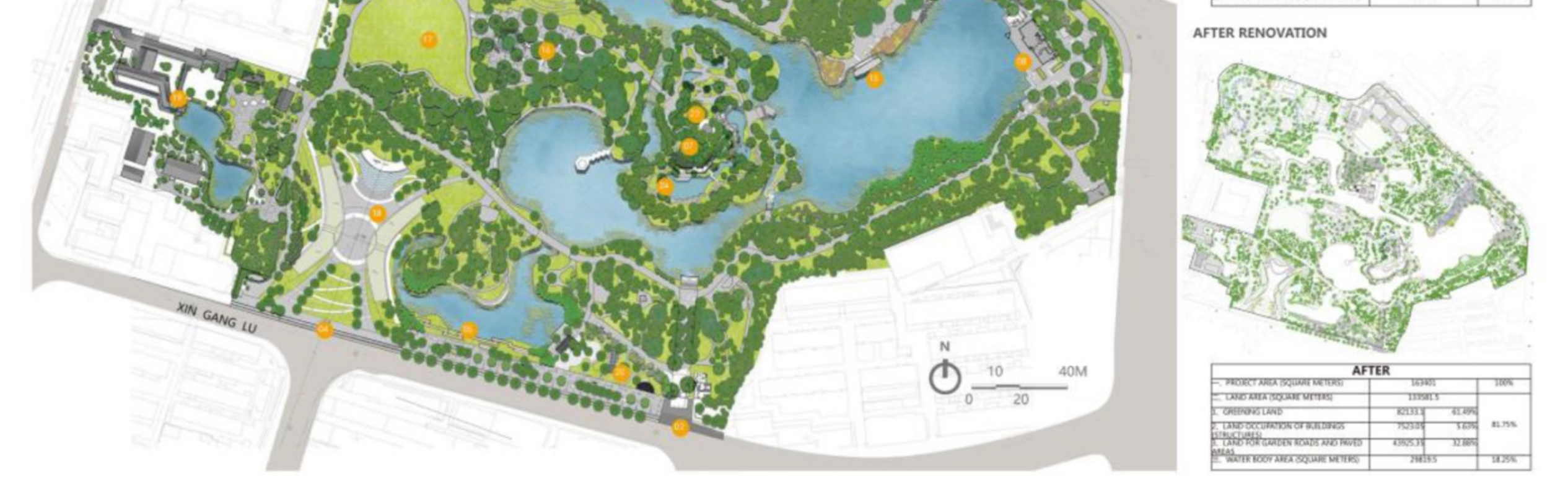

WATER LILIES
BARRACUDA
LOTUS
ZAILIHUA
LYTHRUM SALICARIA
WATER LILIES
DAWN REDWOOD
IRIS ENSATA VAR. HORTENSIS MAKINO ET NEMOTO
IRIS TECTORUM
LYTHRUM SALICARIA
DRYGRASS






GABION RETAINING WALL
SURFACE RUNOFF
SURFACE RUNOFF
BIOLOGICAL FILTER MATERIAL
SURFACE VEGETATION (HYGROPHYTE)
PLANT ROOT PURIFICATION
SUNKEN GREENLAND
ROOT PROTECTION AND COVERING SOIL LAYER
SAND AND GRAVEL FILTER LAYER
PLANT ROOT PURIFICATION

MASTER PLAN


CHANG XING YUAN LU
DA LIAN LU
TIAN BAO LU
XIN GANG LU
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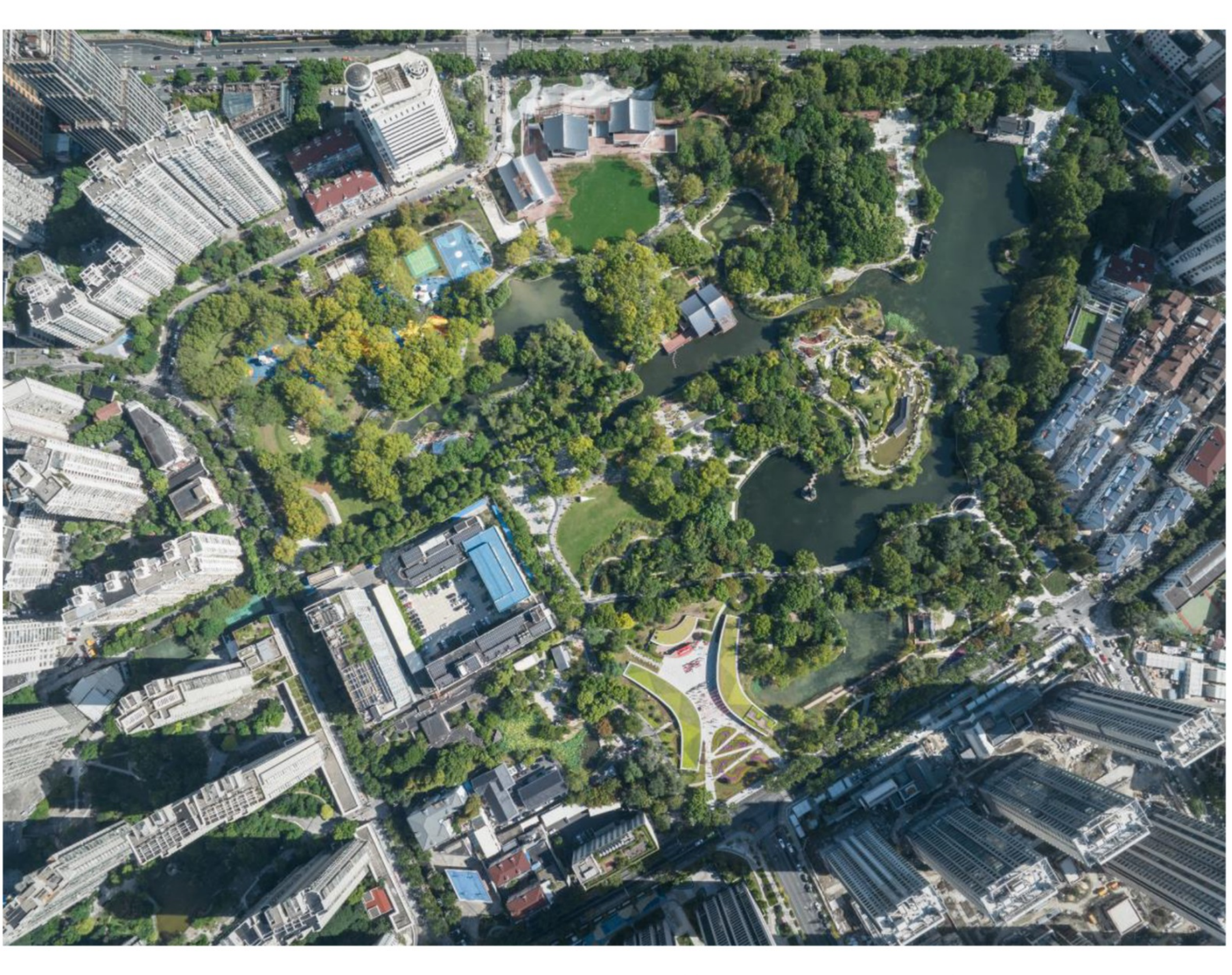
40M
BEFORE RENOVATION
AFTER RENOVATION

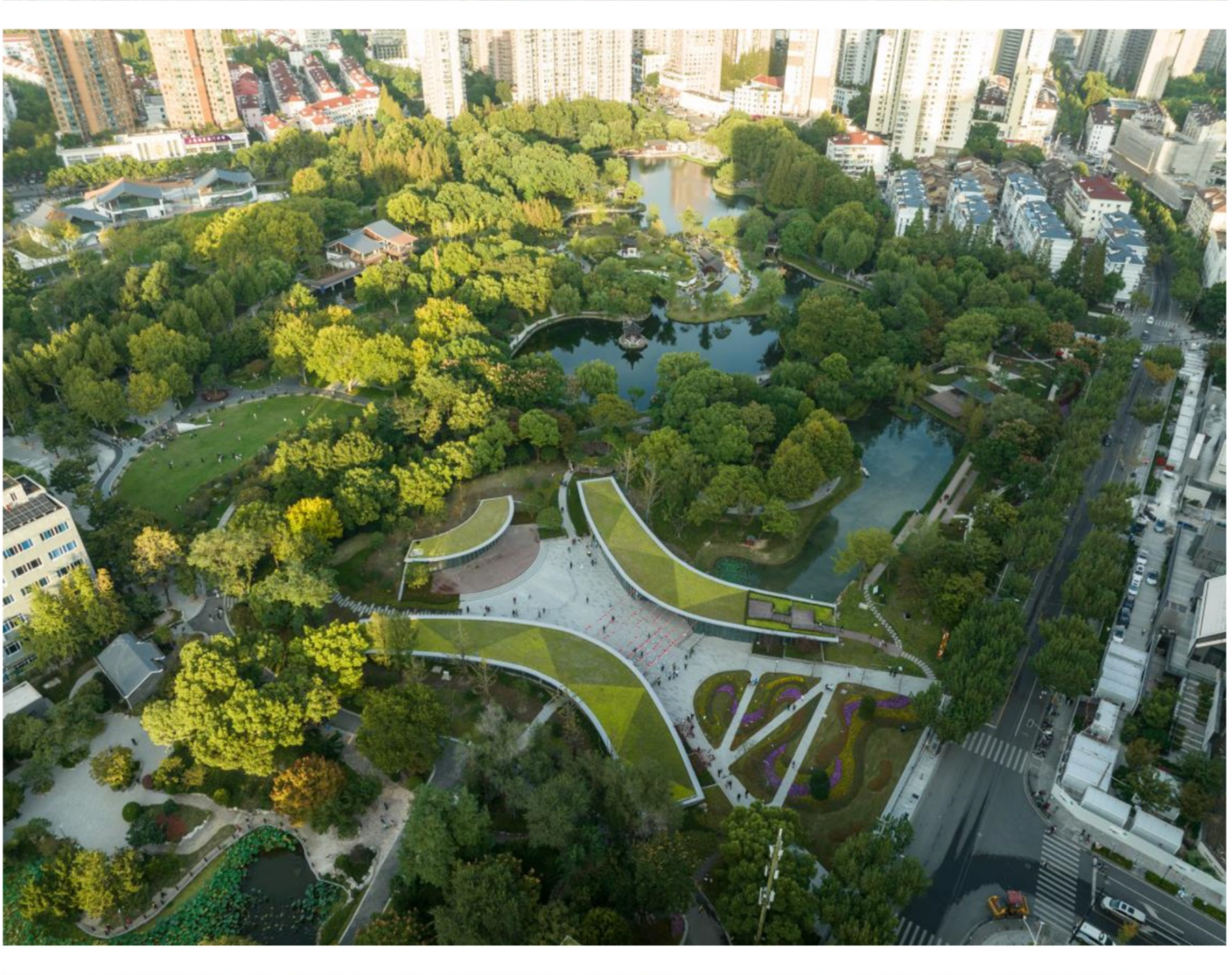
01. NEW GATE NO. 1
02. GATE NO. 2
03. GATE NO. 3
04. GATE NO. 4
05. LANDSCAPE REVETMENT
06. BOAT LANDING MANAGEMENT ROOM
07. ECOLOGICAL ISLAND
08. WATERSIDE TEAROOM
09. COMPREHENSIVE SERVICE CENTER
10. PIER SQUARE
11. NATURAL FAIRYLAND
12. SECRET ISLAND
13. ECOLOGICAL LAWN
14. BEAUTY SEARCH ON CURVED BRIDGE
15. STONE BOAT
16. PEACE PIDGEON SQUARE
17. CENTRAL LAWN
18. HORTICULTURAL MARKET
19. BAIHUA HOUSE
20. SAGE GARDEN
21. NIGHTLIGHT SQUARE
22. ORNAMENTAL GREENHOUSE
23. OCTAGONAL PAVILION ON ECOLOGICAL ISLAND
24. ECOLOGICAL ISLAND CORRIDOR
25. ENTRANCE TO DALIAN ROAD
26. CHILDREN'S AREA MANAGEMENT ROOM
27. BADMINTON COURT

BEFORE			
一、PROJECT AREA (SQUARE METERS)	163401		100%
二、LAND AREA (SQUARE METERS)	135822.2		83.12%
1. GREENING LAND	81371.9	59.91%	
2. LAND OCCUPATION OF BUILDINGS (STRUCTURES)	8245.43	6.07%	
3. LAND FOR GARDEN ROADS AND PAVED AREAS	46202.87	34.02%	
三、WATER BODY AREA (SQUARE METERS)	27578.8		16.88%

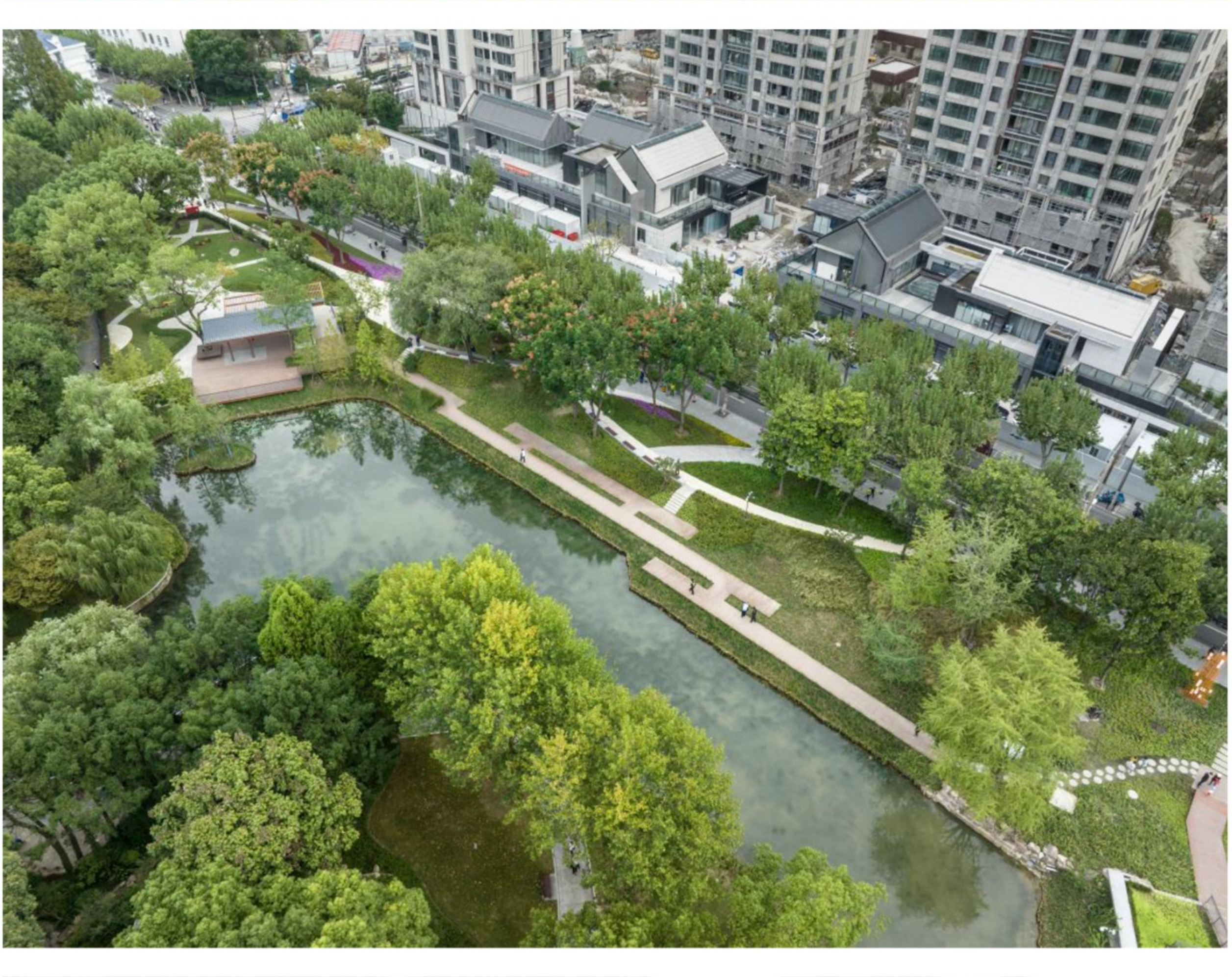
AFTER			
一、PROJECT AREA (SQUARE METERS)	163401		100%
二、LAND AREA (SQUARE METERS)	133581.5		81.75%
1. GREENING LAND	82133.1	61.49%	
2. LAND OCCUPATION OF BUILDINGS (STRUCTURES)	7523.05	5.63%	
3. LAND FOR GARDEN ROADS AND PAVED AREAS	43925.35	32.88%	
三、WATER BODY AREA (SQUARE METERS)	29819.5		18.25%

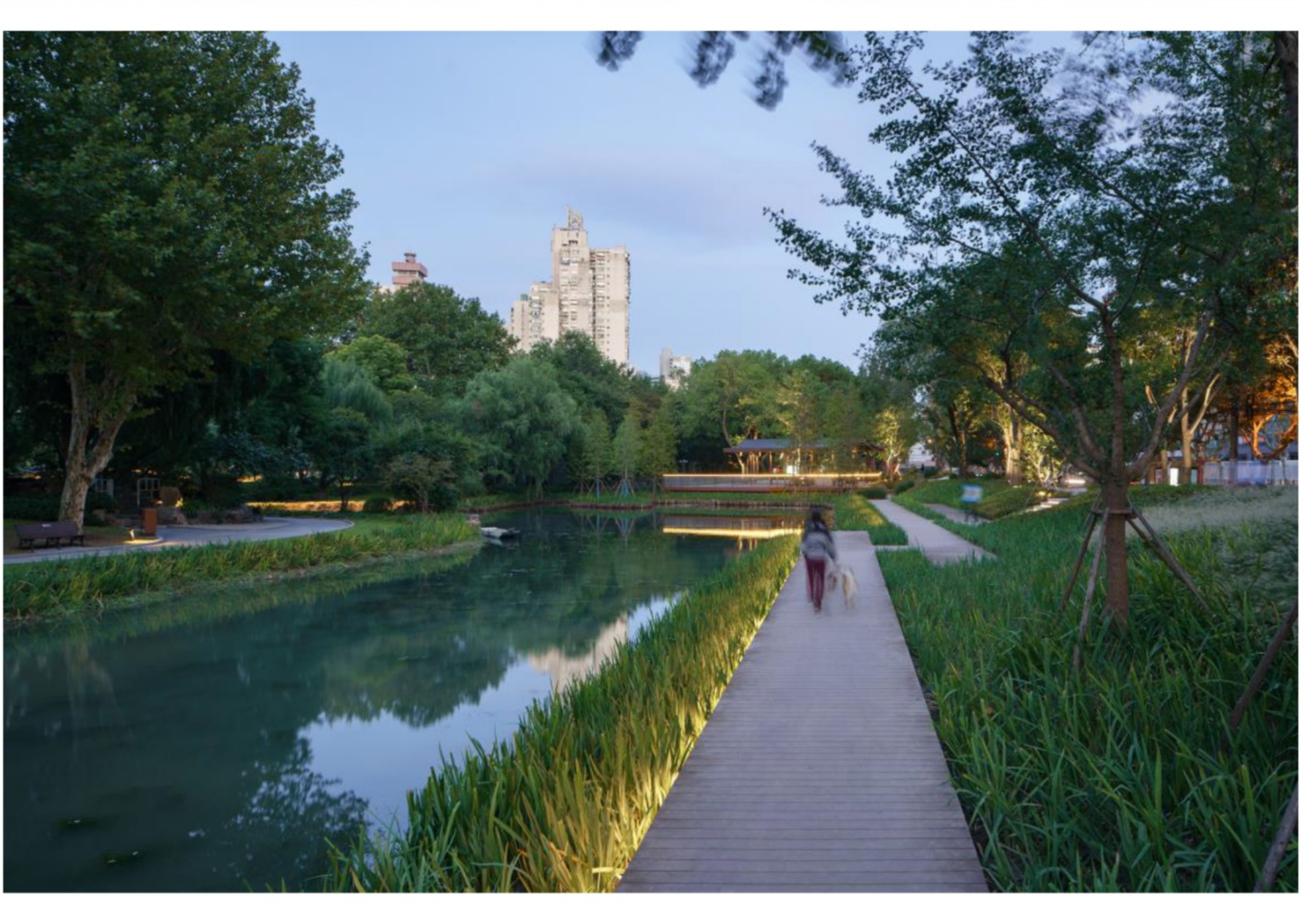
①Vitality of Xingang: Peace Square's original hollow and rigid circumstance has been changed. The outdoor space is sunken and combined with the H-shaped curved landscape architecture to form a compound space. The Galaxy World is integrated with the Ruihong business circle’s overall planning. Thickly scattered lights enhance the transparency and breathability of the earth-sheltered architecture. The waterfalls, the mirror-like pool, and other views jointly create a Soft Square. The Vitality Belt is extended from Xingang Road to Gate No.2 to create a dynamic street corner. It seamlessly blends with street views of the city. Meanwhile, the park’s mountain, water, bridge, island, and pavilion elements are combined and drawn into the waterfront forest picturesque scene. Baihua House, a historical and cultural site on the western side, is inherited and revived to create the waterlily garden of “World in A Pot”.

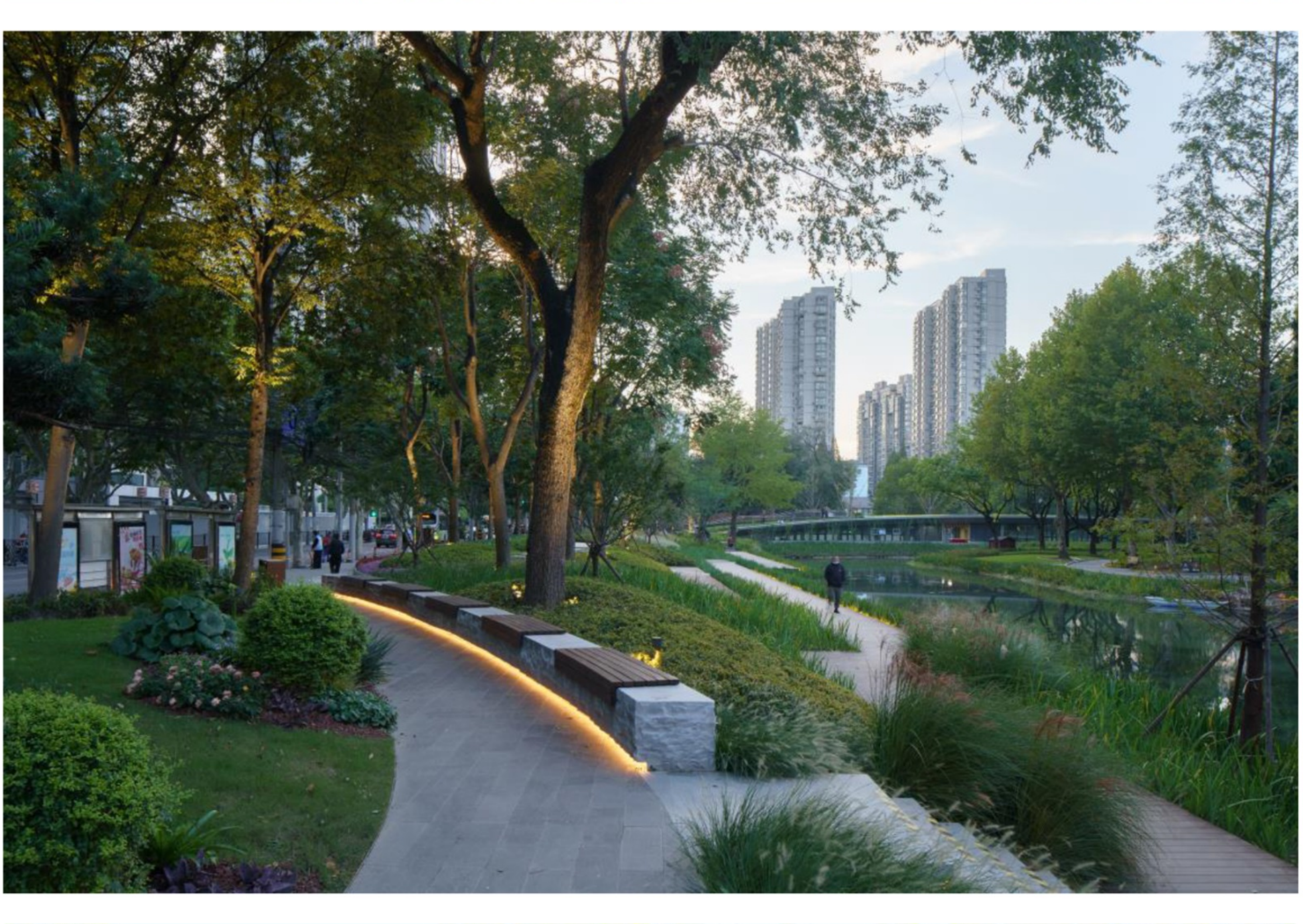


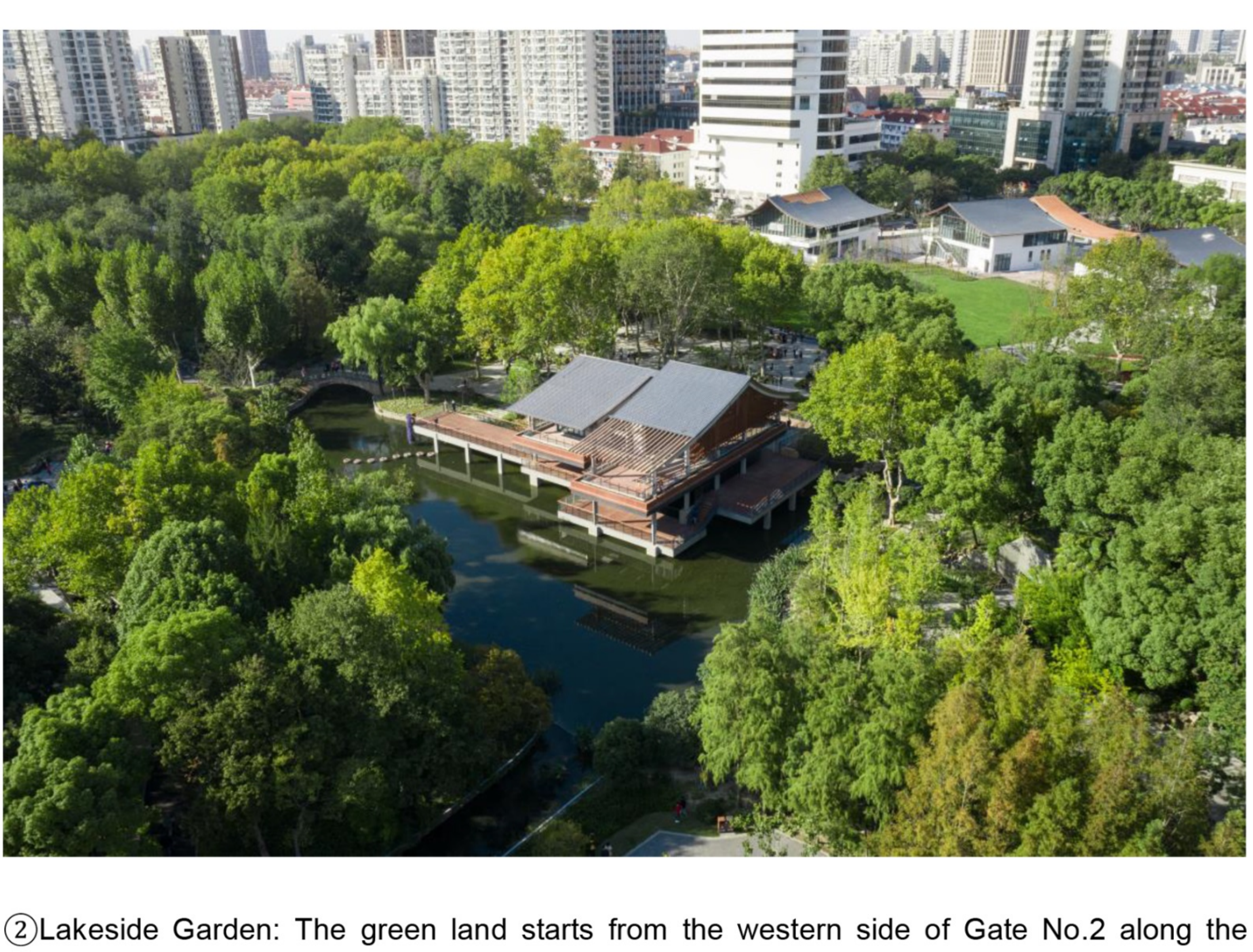


和平公园
PEACE PARK



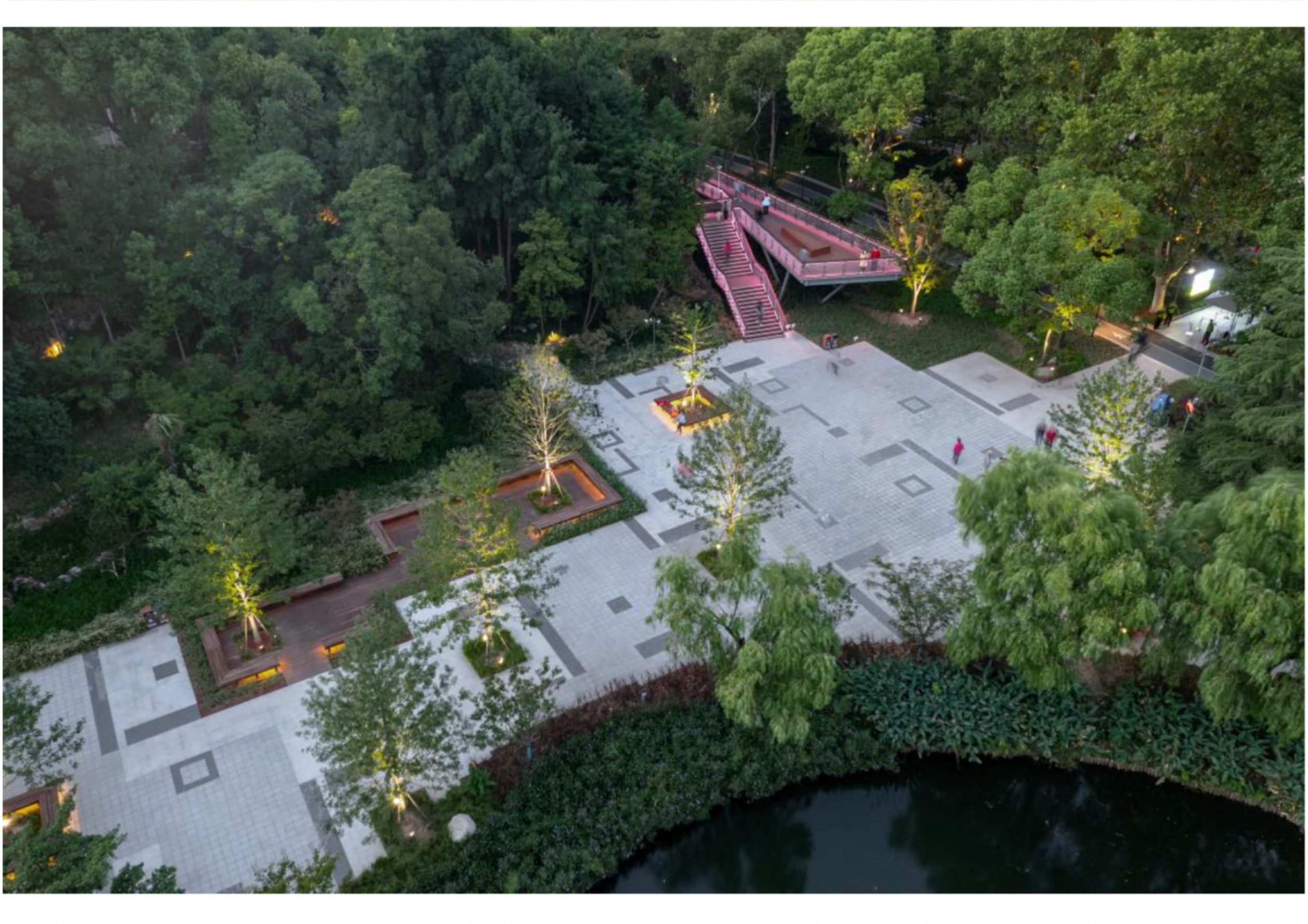


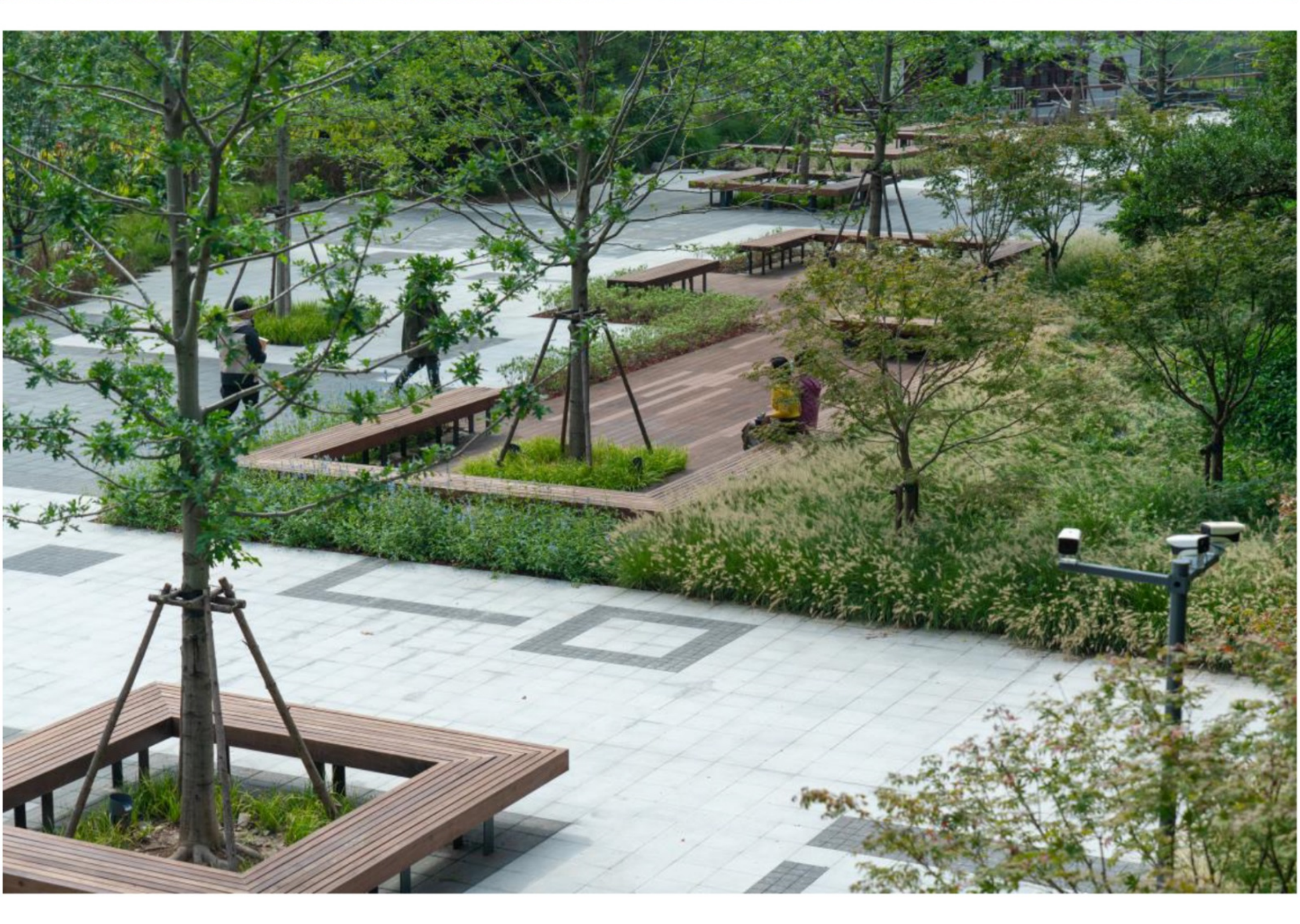




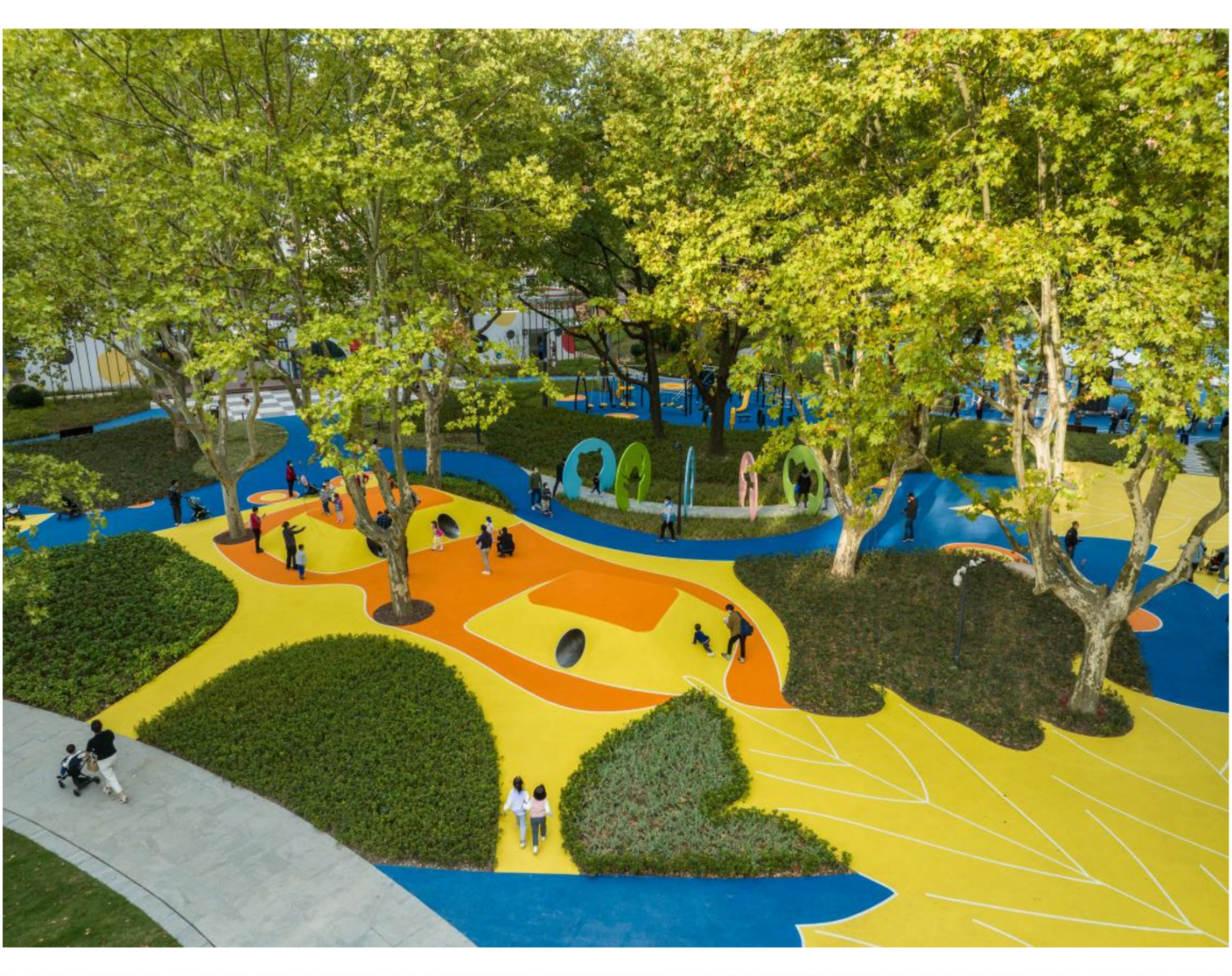
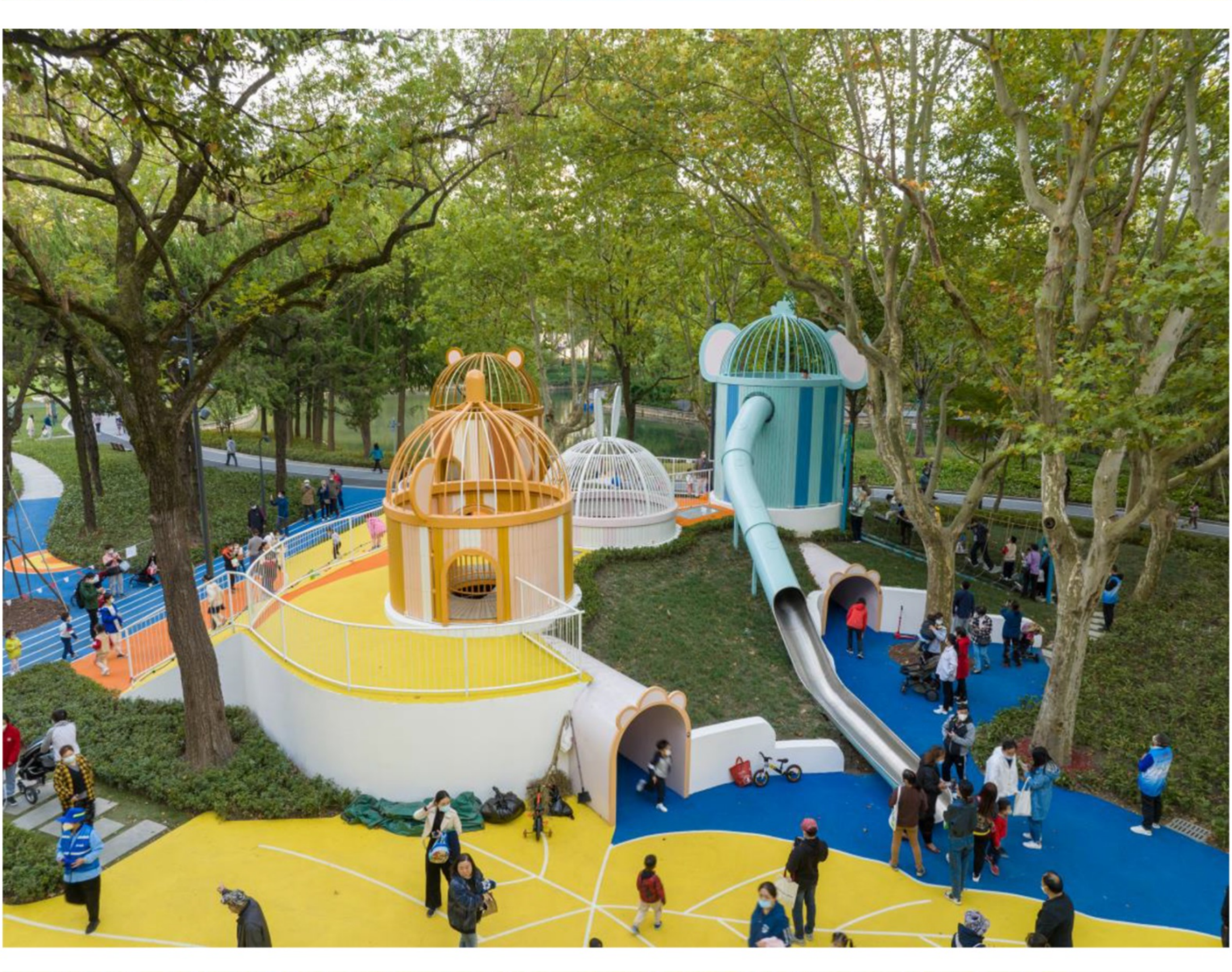
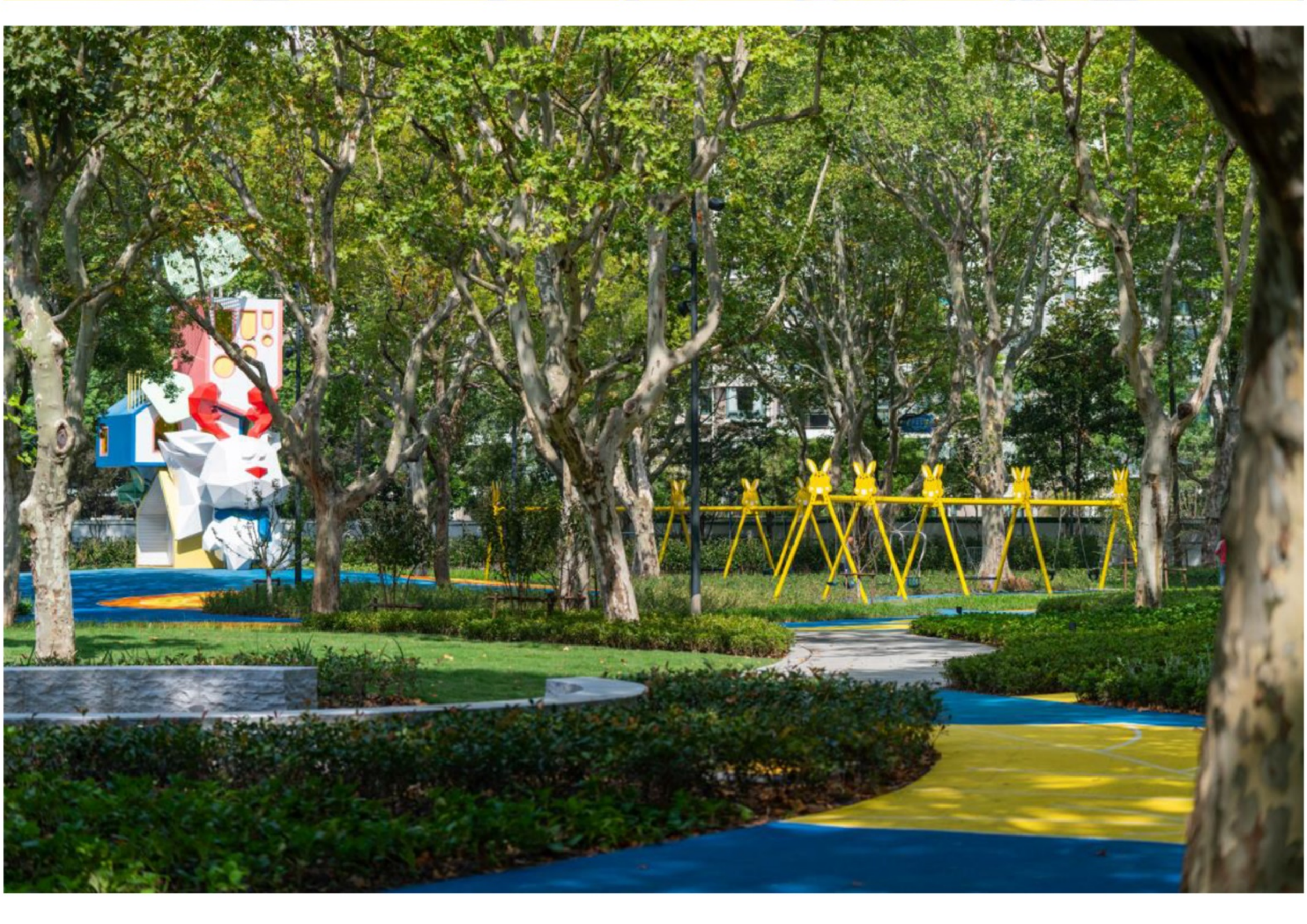
②Lakeside Garden: The green land starts from the western side of Gate No.2 along the central lake to connect the Chinese Rose Garden, Online Celebrity Flower Bed and other characteristic flower views. It is then extended to the original Gate No.1. The original Gate No.1 was reconstructed and closed. The entrance and exit were relocated to the west of the tea room, effectively preventing the chaotic parking in the Zhuanwan Square. The image of the garden’s corner has been renewed to create an inviting urban window. The old tearoom was upgraded, and the sunshine space and courtyard were extended to create a tranquil new Chinese-style garden. Characteristic benches and ground covers were added to the space under the forest of the western square to enhance the ecological and romantic atmosphere and strengthen the connections between hills and waterbodies. Green grass, luxuriant trees, and gaily-painted pleasure boats jointly present the oriental poetic landscape view.

③Mountain Forest and Green Boat: Gate No.5 was added, and the largest landscape architectural cluster in the park, Metropolitan Jiangnan, was constructed to show the atmosphere of the old Hongkou District. It borders Dalian Road in the north, faces the park's large lawn in the south, and is connected to the green slope of the main mountain forest. The mountain forest's footpath originates from the second floor and extends to the east side into the main mountain body. It is meanderingly connected to the trestle on Animal Island in the south and the Dock Restaurant in the west. It links diverse scenarios stereoscopically to enrich tour lines and bring people high interest. The pier architecture lies on a rowboat to create a fashionable landscape viewing space. Diverse exhibition seasons can be held on the large lawn and in the bay area, turning the site into a vigorous stage for spatial art. The space under the lawn has been excavated for parking. The luminescent artistic installations in the lake bay create a mysterious water garden, making people linger.





④Central Recreation: Wandering in the Sunshine Forest, people can appreciate flowers and animals. The green slope around Animal Island is close to the water. Ferocious and other small animals are moved out based on the pro-animal design, and different zones are designated.

⑤ Happy Bodybuilding: The original Mingxiang Pavilion was reconstructed and integrated with new functions. The upper part is the starting point for small cable cars, while the lower part is the Sunshine Flower House and Parent-Child Cultivation Room. A mountain forest forms a boundary nearby. Then, a themed storyline of Natural Paradise was introduced to create the most attractive activity site for children and perfectly combined with the park's reconstruction.