



# QIAOCHENGBEI PARK

A green shared space with mountains and seas  
Asia/China/Guangdong Province/OCT East  
Area, Nanshan District, Shenzhen



# PROJECT INSTRUCTIONS

As a natural mountain park in the core area of Shenzhen, Qiaocheng North Park is inspired by the design of "hidden forest". hidden, big hidden in the city, small hidden in the forest; woods, the forest of natural ecology in the north of Qiaocheng, picks up a tranquility in the hustle and bustle of the city, and looks for the simple beauty of natural ecology.

The project adopts the design strategy of minimal intervention, integrates the complex, living, ecological and child-friendly multi-functional landscape into the design of the park, transforms Qiaocheng North Park into a vibrant urban comprehensive park, and makes full use of the "landscape acupuncture" approach in landscape design: identify key points and achieve maximum landscape transformation with minimal intervention.



DESIGN CONCEPT

# Hidden Forest

Ecology   wildness   leisure   culture and sports



# LOCATION ANALYSIS



Overall Urban Design and Landscape of Shenzhen

The project is located in the east of OCT Area in Nanshan District, Shenzhen, bordered by Guangzhou-Shenzhen Expressway in the north, Chuangyuan Road in the south, Qiaohang Road in the west, and the current mountain forest in the east, close to Yanhanshan Park. It will form two green landscape corridors with Antuo Mountain Park on the north side, connecting Yanhan Mountain with Antuo Mountain. It is also part of the ridge vein of Shenzhen's Mountains and Seas Linkage Plan.





Anto Mountain Park

# EXISTING SITUATION OF THE SITE

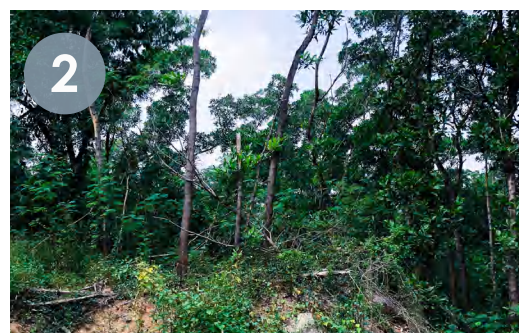
Project Space: 67610.17 m<sup>2</sup>

Qiaocheng North Cultural and Sports Center

- ① The theme features are not obvious and the identity is weak
- ② Poor transportation accessibility, slow systems need to be improved
- ③ Lack of functional space and lack of event space
- ④ The vegetation is monohierarchical and lacks color



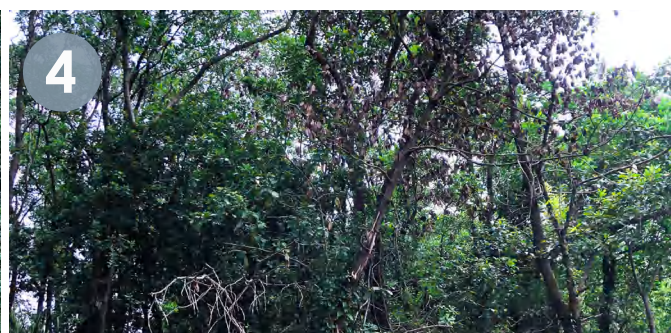
The current situation is partially exposed loess



The mountain collapsed and a natural landslide appeared



Due to the influence of the typhoon, local trees broke and lodged partly



The soil is soft and the soil erosion is serious





# DESIGN HIGHLIGHTS

Complete supporting facilities  
Lifestyle park

Green sponge  
collects and purifies  
rainwater

In the form of a boardwalk  
elevated, it does not  
destroy the mountain  
vegetation

Construction of rain  
garden science  
popularization area

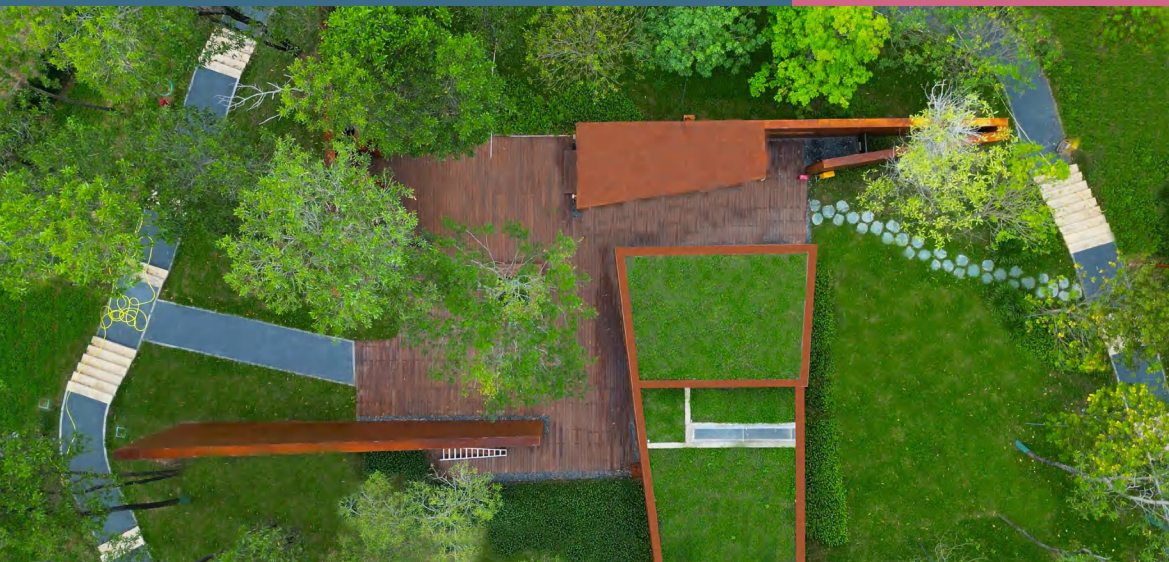
The existing mountain forest is closely combined with the road system and leisure activity site, and the leisure activity space, outdoor science popularization field for teenagers, rain garden and high-altitude plank road viewing area are set up in the site, so that Qiaocheng North Park has transformed from an ordinary park into a diversified functional complex comprehensive park with ecological science popularization, outdoor development for young children, leisure activities, and ecological environment restoration.

0 1 Composite type

0 2 Lifestyle

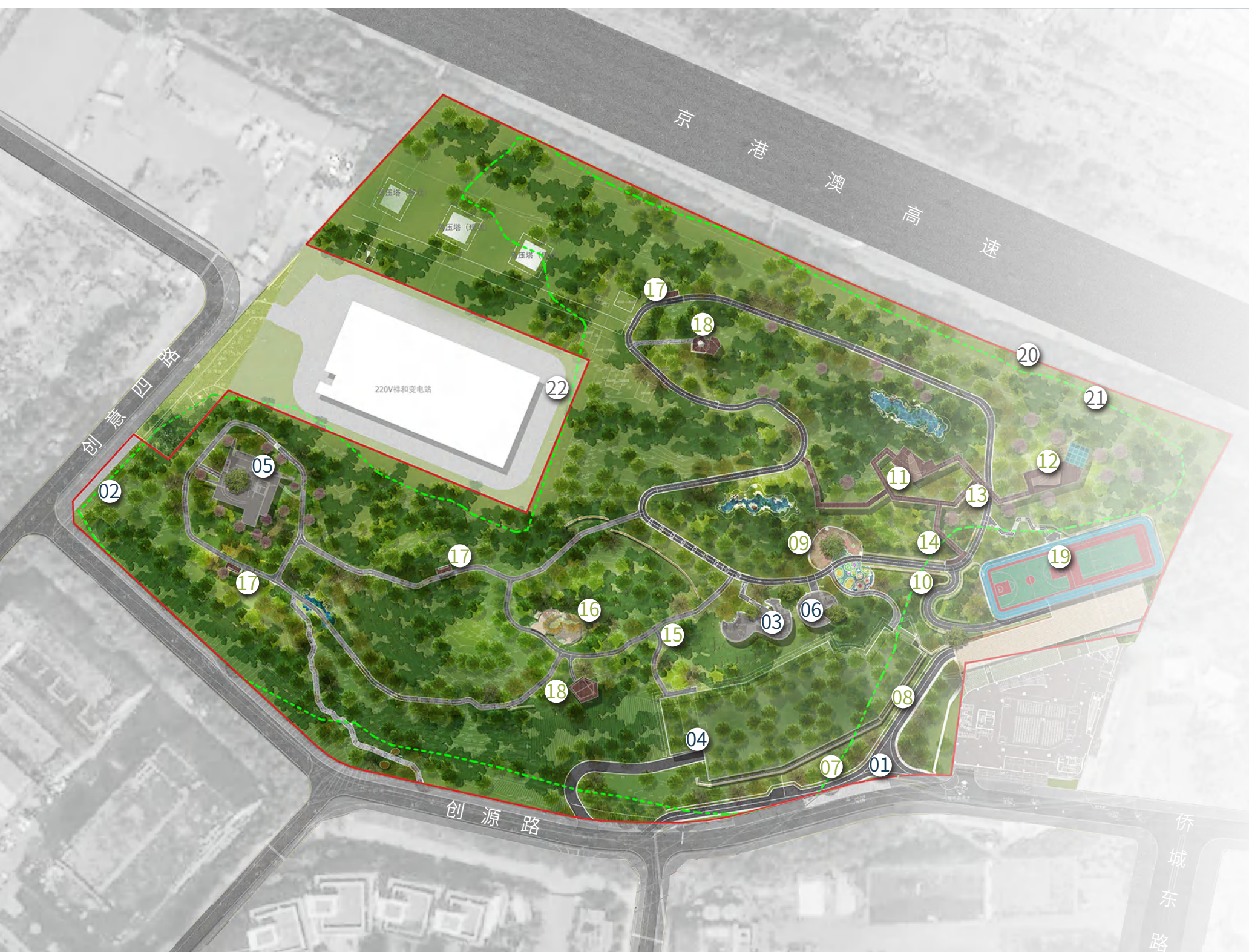
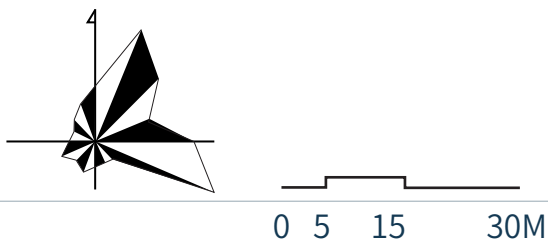
0 3 Ecological type

0 4 Child friendly





# MASTER LANDSCAPE PLAN



MAIN ENTRANCE	01	Landscape service facilities
SECONDARY ENTRANCE	02	
EAST WASHROOM	03	
SEMI-UNDERGROUND PARKING LOT	04	
WEST WASHROOM	05	
VISITOR SERVICE CENTER	06	
ACCESS ROAD	07	Landscape important node
GREEN SLOPE	08	
CLOUD FOREST CHILDREN'S PLAYGROUND	09	
COLORFUL ROUND MOUNTAIN TRAIL	10	
MEDITATION PAVILION	11	
MOON PAVILION	12	
CLOUD TRESTLE	13	
MOUNTAINEERING WOODEN TRESTLE ROAD	14	
ACCESSIBLE HIKING TRAILS	15	
CLOUD PLAZA	16	
CASUAL WOODEN PLATFORM	17	
VIEWING PLATFORM	18	
PLAYGROUND	19	
LAND USE RED LINE	20	Off-site municipal facilities
RANGE OF FOREST LAND	21	
SUBSTATION	22	



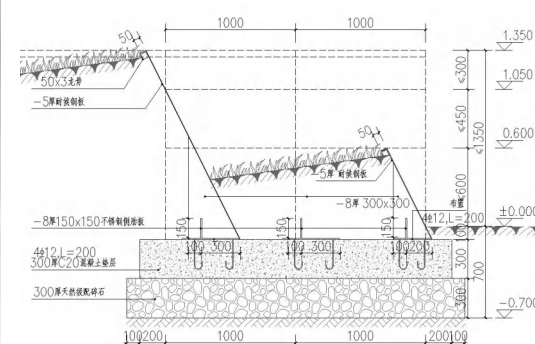
# URBAN ECOLOGICAL PARK

Light intervention, preserving mountain memory

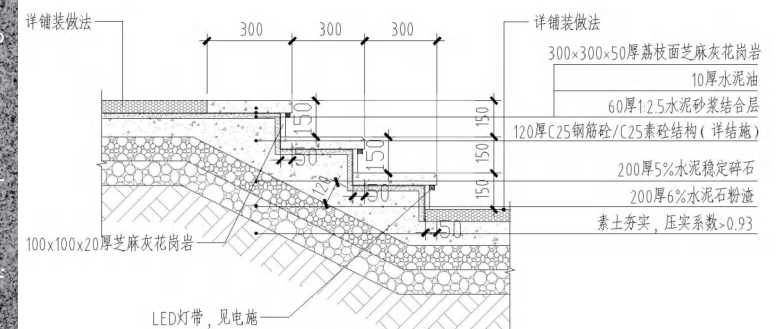


In the main entrance square, flower planting beds shaped of undulating heights and staggered front and back weathering plate bring visitors the way to enter, and scattered natural stone from local mountains are used as not only retaining wall but the planting bed as well to make it look like growing naturally from the mountains.

Brushed stainless steel  
anti weathering steel



Grey rubble  
Sesame ash granite





# CLOUD TRESTLE BRIDGE

**A bridge connecting people, nature and culture**

A poetic multifunctional space, the design proposes a "traceless mountain forest" concept, creating an ideal viewing corridor where visitors can enjoy the rain garden and meadow texture below, while overlooking the Anto Mountain Park and the city landscape opposite.

## Wooden railings

Wood color for the boardwalk, integrated with the environment

## Weathering steel plate modeling gallery frame

The concise geometric aerial gallery frame wanders through the natural room and the treetops, and is tailor-made and assembled on site with a cantilevered steel structure

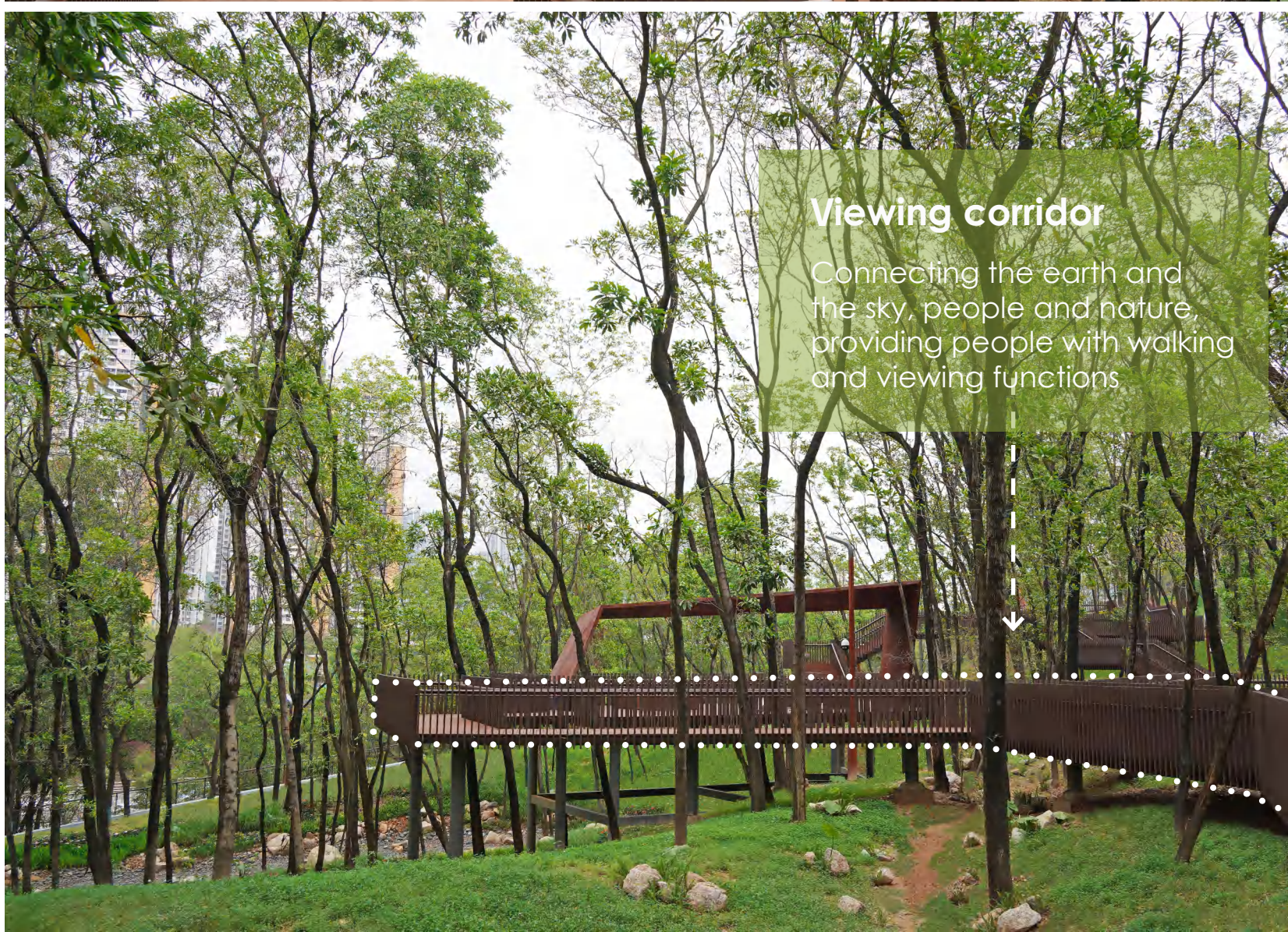
## Bamboo and wood platform

In the lightest way, Reasonable contact with nature



# FLOATING CORRIDOR

Frame the landscape to create an attractive destination



## Viewing corridor

Connecting the earth and the sky, people and nature, providing people with walking and viewing functions



# MULTIFUNCTIONAL VIEWING CORRIDOR

A mountaineering experience that combines sightseeing, adventure and wonder



**Wooden trestle**

— — — — —  
Landscape of high and low



**Glass viewing platform**



# ECOLOGICAL AND WILD FOREST TRAILS

The low-intervention design under the natural strategy allows the park to return to nature

Stroll along the park path and enjoy tree trunks, treetops, wind and birds' singing



## Elevated boardwalks

In areas with lush vegetation, we use elevated boardwalks to retain more native ferns



# A RELAXING SOCIAL SPACE IN THE SHADE OF A TREE

People-oriented, green shared public space



Quiet and pristine atmosphere

## People-oriented design

Shaded landscape pavilions are provided Shaded relaxation space

Bamboo wood park road

Permeable concrete

Slope protection  
Keep the existing arbor trees planting

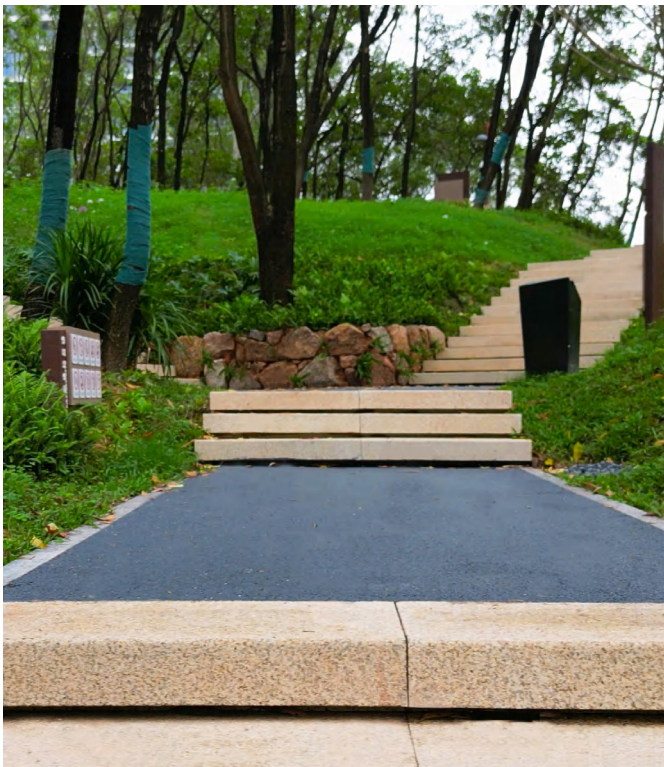


# A GROWING NATURALLY GREEN MOUNTAIN PARK

Restore surface habitats and build resilient and healthy environments



The human action line is combined with the mountain contour line



Use boardwalks, slopes, and steps to connect



Wild and ecological park road design



Guide visitors to enter the park-touring environment

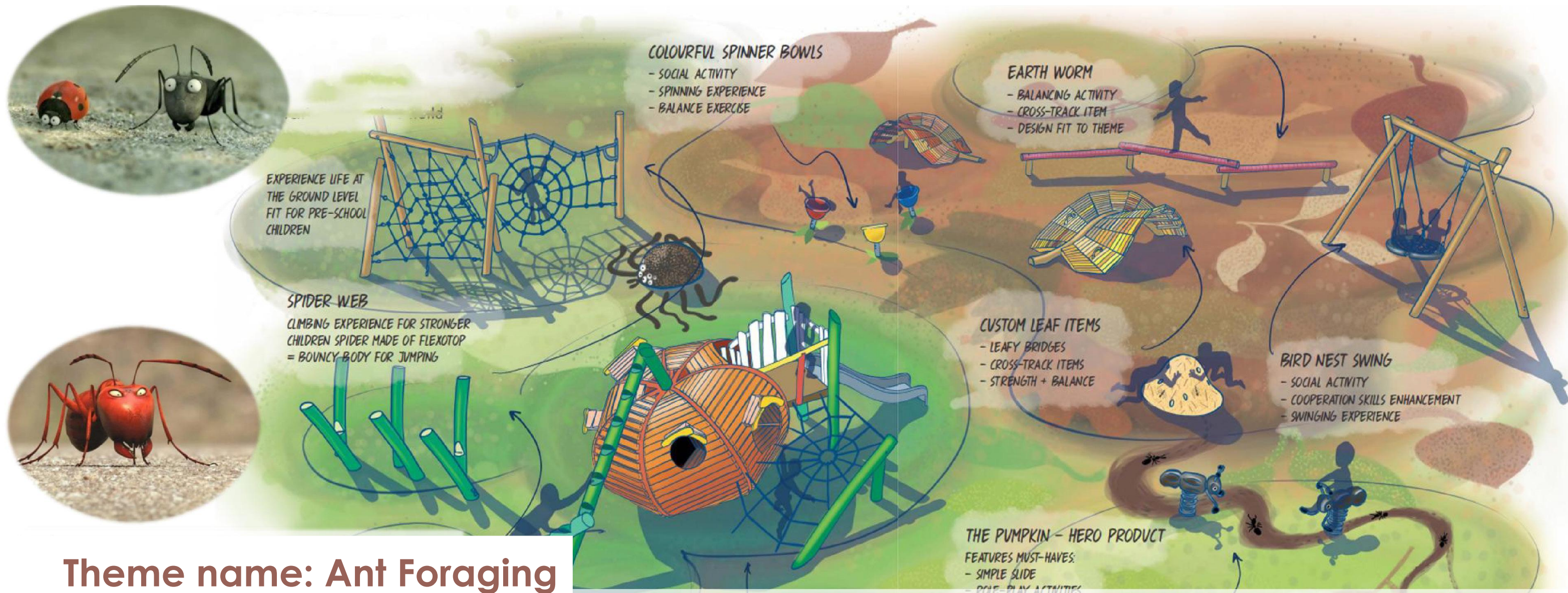


Protection of the original vegetation of the existing mountain



# ANT THEME SCENE CREATION

Create a space for children with warm interaction



## Theme name: Ant Foraging

Walking into the Qiaocheng North Mountain Park, the air is so fresh, and every step is closely related to nature. The mysterious nature is waiting for you to explore, what kind of story will it be that ants are the most exploratory corner of the forest?

Slow down and uncover the mystery of exploration with the little children.



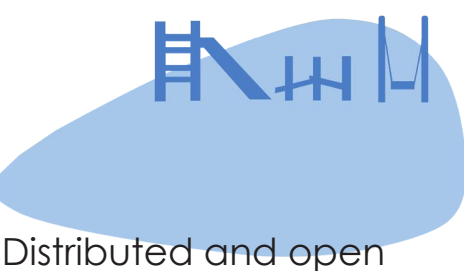
# A CHILD-FRIENDLY SPACE FOR ALL AGES

Interactive participation, fun adventure, and vitality of the site



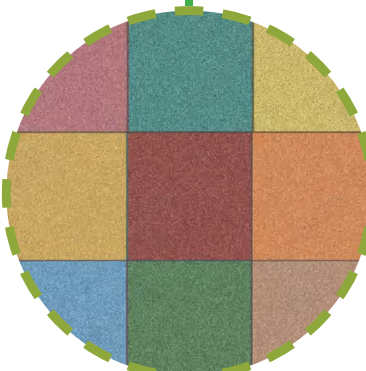
## Traditional outdoor activity space

"Apparatus - fence - paving" outdoor space



The transformation from a device-based space to a scene-based space

## Natural outdoor study space





# OUTDOOR SCIENCE EDUCATION EXTENSION

Composite parent-child park, non-powered amusement equipment





# THE BUILDING BECOMES PART OF THE TERRAIN

More possibility of free growing of the landscape

Earthy yellow  
Weathering  
steel plate  
finish

Keep the  
original terrain  
Keep the  
existing arbor  
trees

"Artifacts" that live in  
harmony with nature





# THE SCULPTURAL ARCHITECTURAL FORM BLENDS WITH NATURE

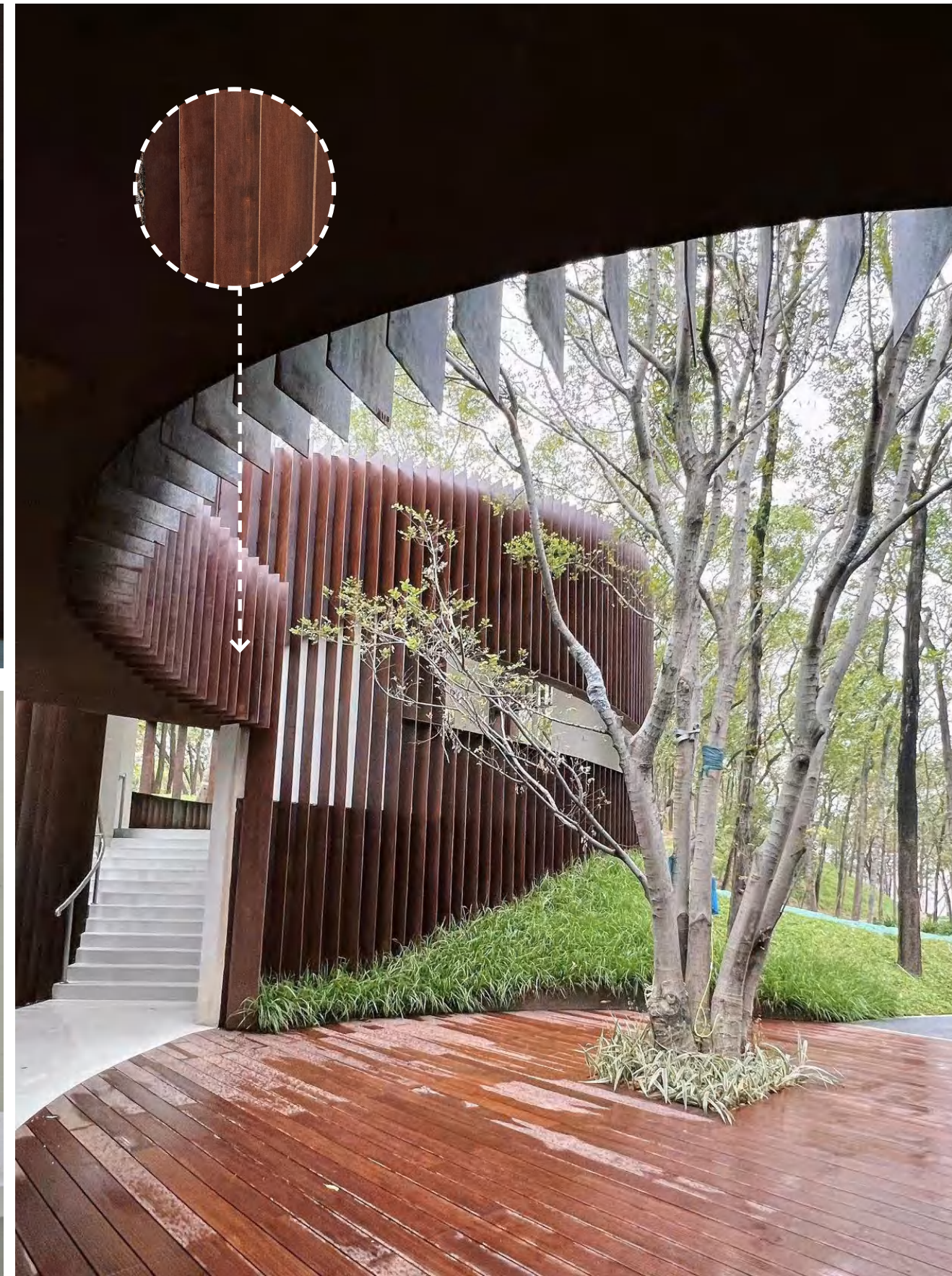
Become a unique landmark in the park and highlight the character of the public space





## "JV ZHEN GARDEN" SEES INDOOR AND OUTDOOR FUSION PENRTRATION

The indoor space of public services uses a new artistic perspective to deal with the relationship between indoor and outdoor





# RAIN GARDEN, ECOLOGICAL PURIFICATION

The mountain is the core landscape of the park, and the water is the beating note of the park, taking advantage of the low-lying topography of the current mountainous terrain to collect the surrounding rainwater, and use it as a green sponge to collect and purify rainwater and restore the ecology. The humble "water resources" in the park are utilized, retained and purified by the cloud trestle and terrace, and finally returned to the water cycle of the wetland, nourishing and watering the wetland water feature.

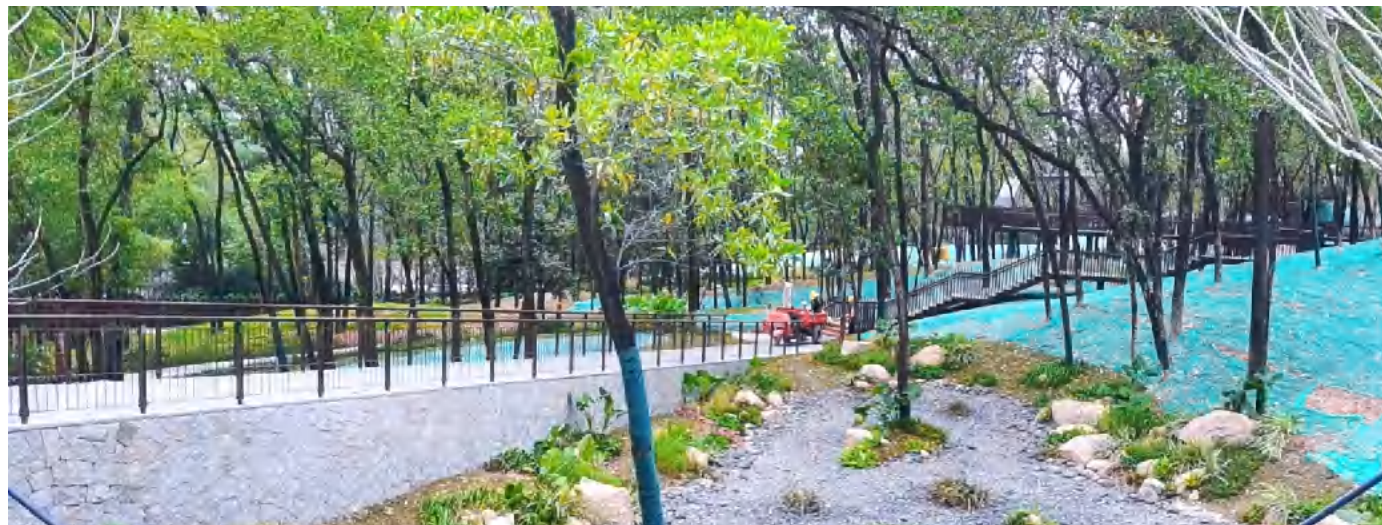


<b>Rain garden practices</b>	<ul style="list-style-type: none"><li>300~500mm thick sandy soil</li><li>Permeable geotextiles</li><li>200 mm thick fine sand layer</li><li>Permeable geotextiles</li><li>300 mm thick layer of drained gravel</li><li>Plain soil compacted</li></ul>	<b>Permeable concrete practices</b>	<ul style="list-style-type: none"><li>The surface layer is 2 mm thick colorless transparent sealants</li><li>The surface layer is 2 mm thick colorless transparent sealants</li><li>80 mm thick 10~12 particle C25 permeable concrete</li><li>150mm thick 6% cement stone slag cushion</li><li>The plain soil is compacted, and the compaction coefficient is <math>\geq 0.93</math></li></ul>	<b>Grass ditch practices</b>	<ul style="list-style-type: none"><li>300-200mm thick planting soil</li><li>Permeable geotextiles</li><li>1100mm thick medium coarse sand layer</li><li>250mm thick gravel layer</li></ul>
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# LOW INTERVENTION DEVELOPMENT ,PRESENTING WITH HIGH QUALITY

Maximum respect is taken for the mountainous terrain and current arbor of the site. The width of the garden route is changed from 5 meters to 2.5 meters, and the site survey is repeated in the early stage of design, and the direction of the park road is adjusted according to the existing tree points, there are no shortcuts and machinery , only hard work and sweat involved, we measure the site on foot , check the drawing little by little repeatedly and discuss what is the best solution, when it meets mountains ,we go around, when In distress, we erect or lay trestle bridges to meet the need of traffic.



The first and second grade park roads avoid the points of large trees for design



Maximum respect for the mountainous terrain and current arbor of the site



Local materials and footpaths stacked manually with stones



Measure the distance between the existing trees on both sides of the park road on site.



Record for each single tree: live trees with hanging of red cards



Record for each single tree: dead trees with hanging of white cards



Experts argumentation



Experts argumentation



A lush green forest with many trees and a field of purple and white flowers in the foreground.

# THANKS

Thick planting ecological base  
To build the city connecting with  
mountains and sea together