

# **Project Location**

This project is located in the eastern part of Guangming District, Shenzhen city in china.

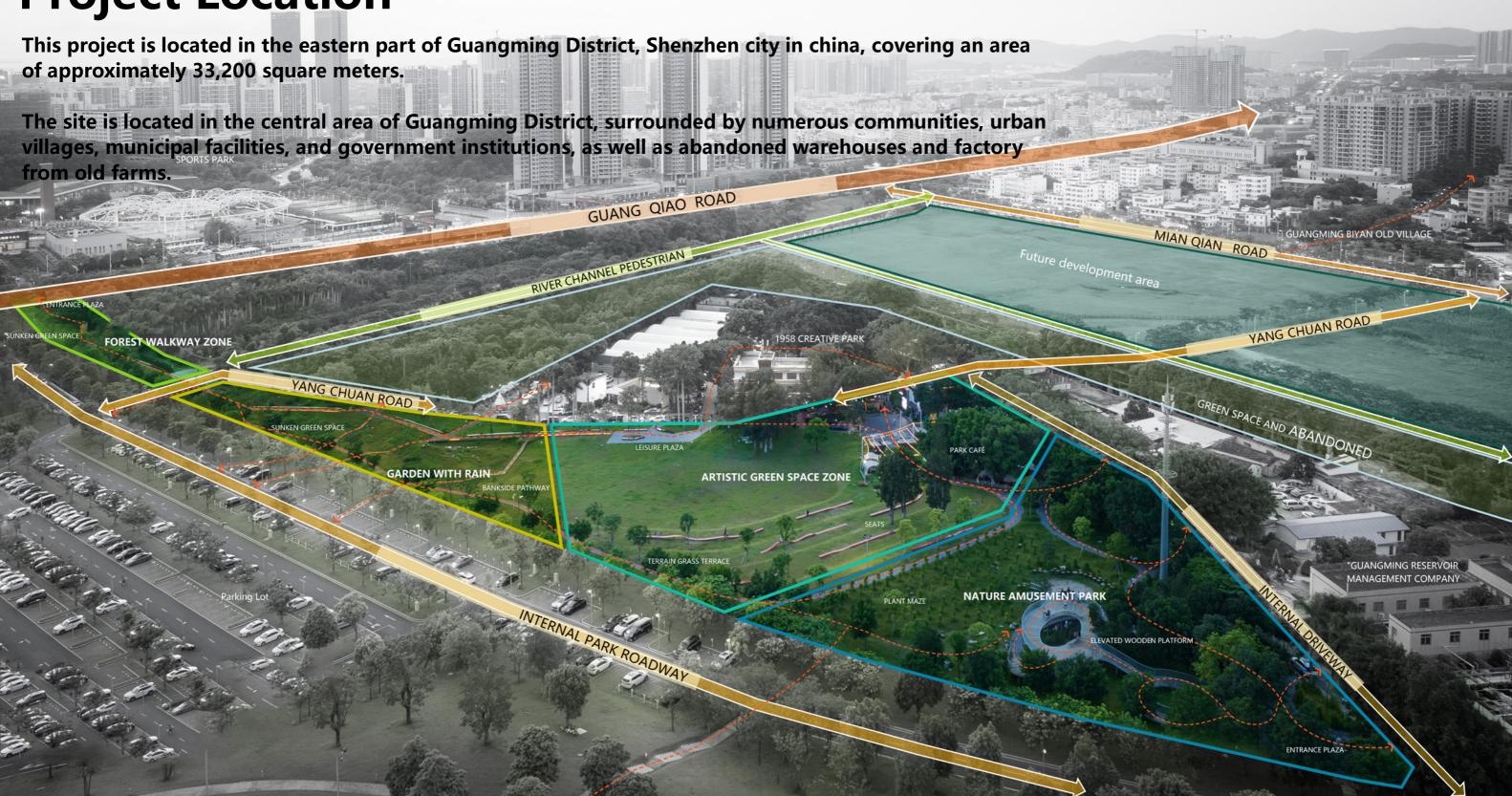








## **Project Location**



## **Master Plan**



## **Site Analysis**

### **Topography**

The site features a topography with higher elevations on both sides and a lower center. This natural characteristic will be fully utilized in the renovation design.

#### **Current Use**

The site has been illegally used as a parking lot for a long time, leading to severe surface hardening and it gets extremely hot here in the summer.

### **Hardening Issues**

The site is significantly hardened, resulting in poor permeability after rainwater runoff and causing large volumes of runoff.

### **Existing Vegetation**

The site retains some large trees, which will be preserved and protected in the renovation design to enhance the site's ecological stability.



## **Design Strategies**





#### Topography Shaping

Achieve earthwork balance by excavating lowlands and filling terraces, reshaping the topography to optimize rainwater management and landscape effects.



#### Overall Greening

Increase green coverage by preserving existing trees and planting various native species to create a multi-layered green landscape, enhancing biodiversity.

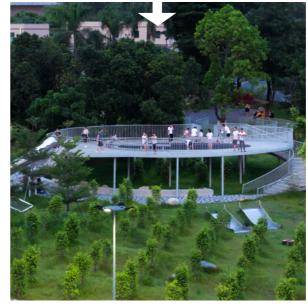




#### Low-Impact Development

Adopt low-impact construction methods to minimize damage to the existing environment, using environmentally friendly materials and technologies to maintain the stability of natural ecosystems.





#### Rainwater Management

Design an efficient drainage system to reduce rainwater runoff, increase infiltration, and decrease hardened surface areas, thereby enhancing the site's permeability and water retention capacity.





#### • Flexible Spaces

Create diverse public spaces with flexible and varied activity areas to meet the needs of different groups, enhancing the functionality and attractiveness of the site.

## **Site Evolution**

### **Overall landscape changes**

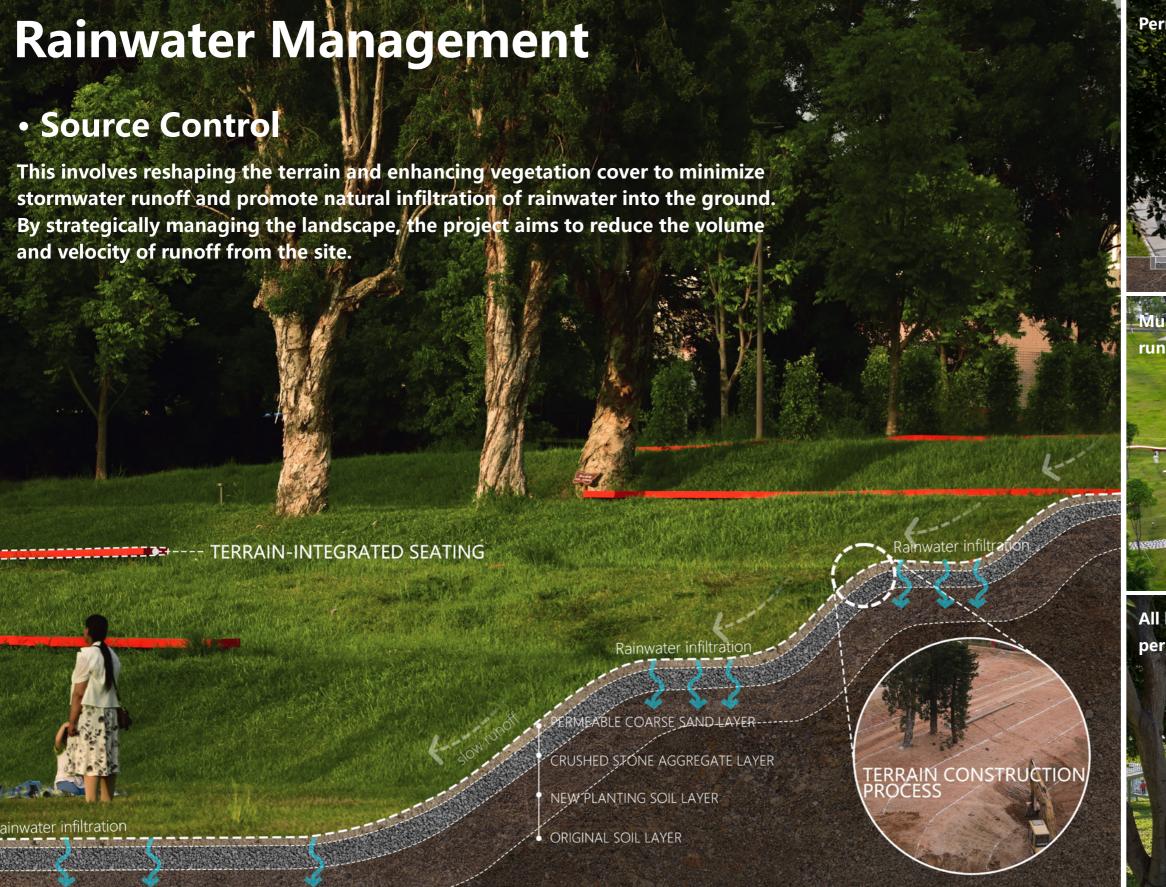














Multi-level grass terraces slow down surface runoff and promote rainwater infiltration.





As rainwater flows downhill along the terrain, it naturally filters impurities and pollutants.

The meandering creek slows down water flow, thereby enhancing water purification.



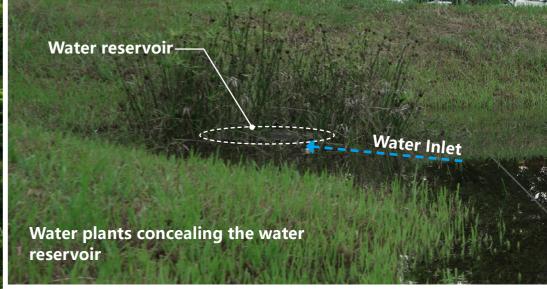




During the rainy season, rainwater flows through streams and filters into the wetland pond.





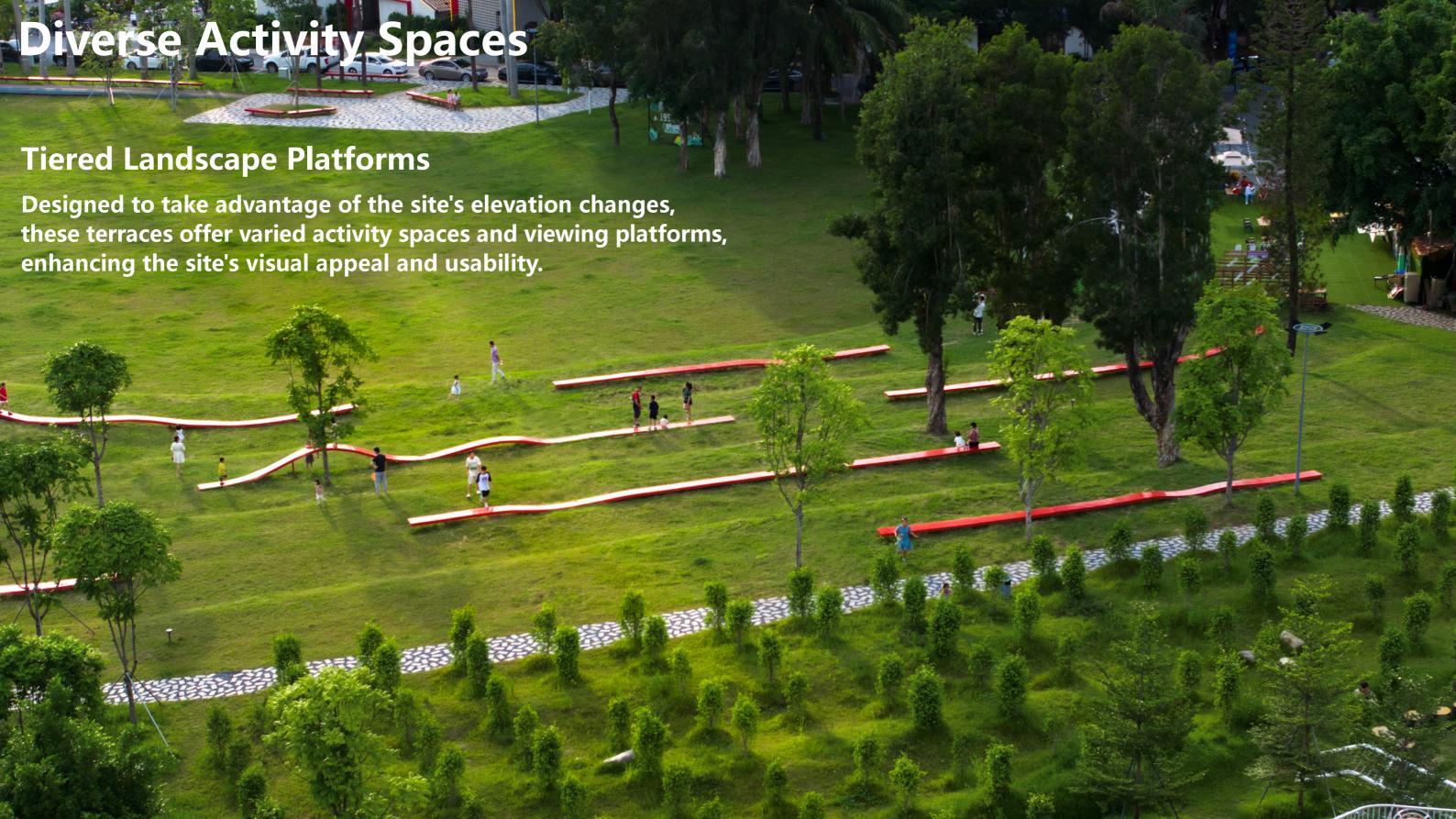


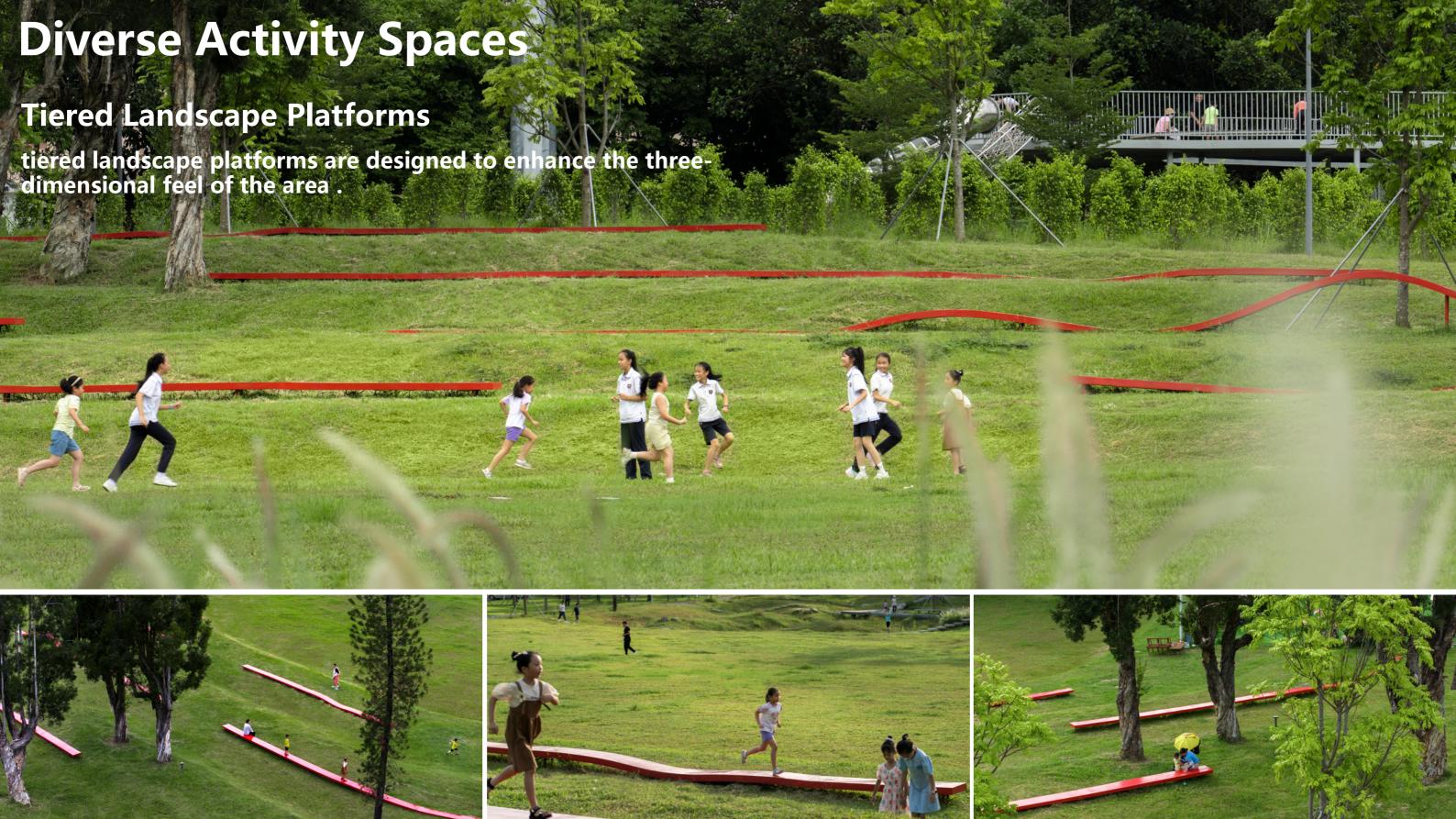














# **Diverse Activity Spaces**

### **Flexible Large Lawn Space**

The market activity on the large lawn every weekend, also generates rental income for the park.







