

# FUTURARC

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CONCEPT VS REALITY **CARBON**

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# Green Shore Residence Phase II

This waterfront residential project sits at the tip of Luoxi Island in Panyu, Guangzhou, bordered on three sides by the Pearl River stream. It consists of eight towers of varying heights that are arranged in pairs, which open up into wide viewing corridors between them. This architecture is a response to the relationship between the island and city where it resides—by rotating the four towers, the floor-to-ceiling glass windows open a 270-degree panoramic river view for most units while keeping Guangzhou’s city centre in sight. This envelope helps bring light inside the spaces, achieving healthy and energy-efficient interiors.

Because the towers are arranged in pairs, each of them shares a common entrance lobby with a distinctive stilt design. This semi-open lobby houses children’s playgrounds, fitness facilities and green spaces, creating a communal area that lets in the breeze but keeps out the rain. The entrance area is also connected to a sunken garden that doubles as a light well, bringing fresh air and sunlight into the underground car park.

Considering the long rain season of the southern Lingnan region, buildings are connected by covered walkways so that residents can arrive home dry. Pedestrian and vehicular traffic are separated—vehicular access is arranged on both sides of the site, keeping most of the ground level as a car-free walkable space. Due to Lingnan’s warm and rainy marine climate, a diversity of vegetation is designed to improve ventilation and cool the spaces, while also helping collect rainwater for irrigation or domestic use. On-site potential for renewable energy is harnessed by solar panels on the roof of the residents’ clubhouse, powering the heated swimming pools with environmentally friendly energy.

## PROJECT DATA

### Project Name

Green Shore Residence Phase II

### Location

Guangzhou, China

### Expected Completion

2022

### Client

Fok Ying Tung Group

### Architect

LWK + PARTNERS

### Site Area

530,227.9 square metres

### Gross Floor Area

177,612 square metres

**7** A well-ventilated gathering space is integrated in this residential project



# Tianheng • Bayview

To create a healthy and pleasant living environment for residents of Tianheng • Bayview in Zhuhai, China, the architects focused on five aspects since the planning stage: health and wellness; ecology; smart technology; living convenience; and culture. Traditional artforms of painting and gardening inform the landscape experience, which varies from high to low elevations and drawing people from the edge towards the centre.

The areas are designed along a five-point spatial succession: gate, hall, garden, house and pond. The ‘gate’ of the main entrance is styled with layers of white landscape walls and a pair of inkstone-like pools on both sides, while a tree grows through a hollowed roof to filter sunlight and providing cool shade. Going through the main entrance, a green promenade leads users on a spiralling route towards the heart of the garden where a massive light well resides. This circular sunken plaza is the entrance to the basement car park, where fresh air and natural light are brought into the underground space through the light well.

Surrounded by transparent glass with a waterfall on the east side, the sunken plaza creates a secluded space for respite. This plaza is bordered by gardens, with a semi-circle of residential blocks running around the outer boundary. Each block has its own entrance courtyards, with garden-facing porches designed as contemplative spaces, while sea-facing porches provide lively social spaces. Like traditional Lingnan gardens, water is a vital element in the Tianheng • Bayview landscape. Overlooking the seafront is a 108-metre-long infinity pool and waterfall as a highlight of the overall landscape. It has set the world record as the longest swimming pool with a water curtain. The water curtain interacts with the woods to create a public space below, which also has a cooling effect in the summer.

## PROJECT DATA

### Project Name

Tianheng • Bayview

### Location

Zhuhai, China

### Expected Completion

2022

### Client

Zhuhai Tianheng Properties

### Landscape Architect

LWK + PARTNERS

### Site Area

36,322.48 square metres

### Gross Floor Area

73,665.75 square metres

**8** To reduce air-conditioning demands, this underground space is designed to take in maximum sunlight and natural ventilation



Images by LWK + PARTNERS