

## Overview

One Central Park is the landmark first mixed use residential and retail stage of the Central Park precinct. The scheme achieved a 5 Star Green Star rating for design under both the Multi Unit Residential tool and Retail Centre v1 Green Building Council of Australia rating systems. In essence, the One Central Park mixed use development is the literal green visual embodiment of the social and environmental 'work, live and play' principles laid down for the entire CUB master plan.

Standing 116m tall, the East tower is 33 storeys, whilst the West tower is 64.5m high and 16 storeys. Collectively, the towers deliver a total of 623 residential units above a five level retail and recreation podium with five levels of basement car parking, accommodating approximately 1,200 vehicles. Total GFA for the development stands at 66,640sqm.

### Retail Podium

There is 16,000sqm of retail area over five levels situated within the podium of One Central Park. Situated around a central atrium and glass roof, the Ground and First Floors of retail will host local fashion and accessories as well as technology, while Level Two and Three comprise restaurants, bars and entertainment. Level Four houses the world-class 'Urban Wellbeing' health concept which includes a 25 metre in-ground swimming pool situated on a garden terrace.

### Innovative Façade

As local collaborating architect, PTW have been keen exponents of the concept for the extraordinary external envelope that has evolved throughout the design process. With the concept of 'parkland' at the heart of the precinct development, Ateliers Jean Nouvel in collaboration with the botanist Patrick Blanc and PTW have designed and delivered this biomechanical mixed use development with extensive vertical and horizontal gardens.

30m high hydroponic green walls, modular composite metal clad rotomold polyethelene hydroponic planter boxes with stainless steel latticed tensioned vine climbing cables, a 40m cantilevering sky garden/heliostat reflector and green roofs make this building's envelope truly unique and unprecedented in the international architectural arena.

### Sky Garden

Exclusive to East tower Sky Penthouse residents [levels 29-33] is access to the 'Sky Garden' via the red 'Sky Bridge' on level 29. Suspended approximately 100m above ground floor and cantilevering out 20m from the West facade of the East tower, the Sky Garden offers a dramatic green spatial experience at altitude.

### Heliostat Reflector Frame

Cantilevering a further 20m from the South West corner of the Sky Garden, 94m above ground level, the heliostat reflector frame carries approximately 500sqm of mirrors. These fixed mirrors are arranged into several different clusters designed to specifically target pre-determined areas at ground and podium levels across the Central Park precinct.

### Heliostat Mirrors

The 40 sun tracking heliostat mirrors measuring 4sqm located on L17 roof of the West tower 64.5m above ground floor are designed to follow the sun's path throughout the day and reflect the light up onto the fixed mirrors on the underside of the reflector frame and down on to the areas below, enhancing the area overshadowed by East and West towers to the south of One Central Park.

