

# Eureka Tower

Towering above Melbourne's Southbank precinct, Eureka Tower offers 360-degree views and easy access to the city and surrounding arts and dining precincts. It is a dramatic new architectural addition to the Melbourne skyline and complements Melbourne's unique character and reputation for architectural achievement.

Eureka Tower's striking sculptural profile, luxury finishes, environmentally sound design and premium services and facilities are unlike any other residential development in Melbourne. Facilities and services include a 24-hour concierge, sophisticated security systems and around-the-clock security personnel, a 25-meter pool, two saunas, gymnasium, a private cinema and an outdoor terrace. Apartments are in a variety of configurations of one, two and three bedrooms, and levels 82–92 include luxury penthouses. On level 88, the observation deck will be the highest public vantage point in the Southern Hemisphere, at 935 feet above ground. At ground level, an open landscaped plaza accommodates retail outlets and restaurants.

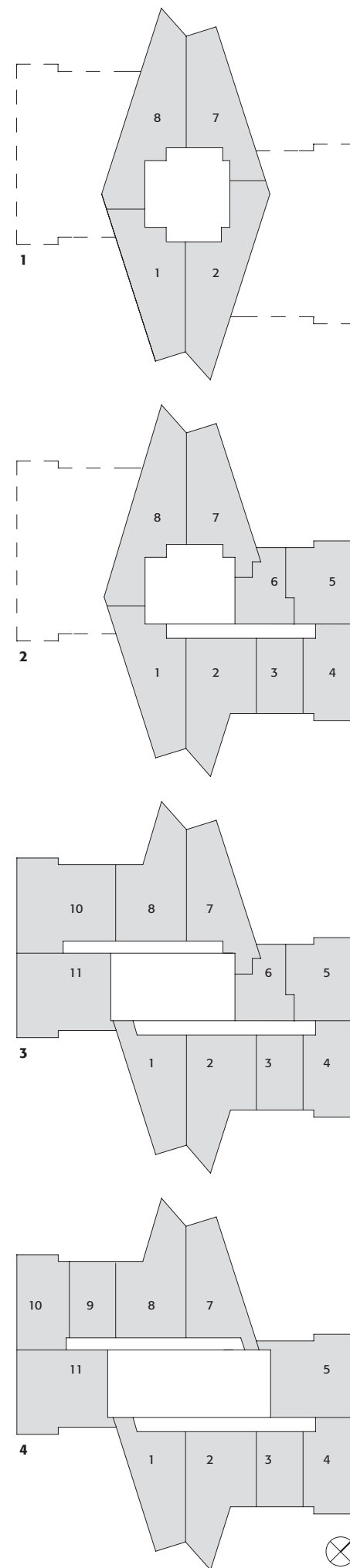
The tower was designed with abundant environmental and energy-saving features.

The internalised mass concrete structure stabilises the internal thermal environment and double-glazed, high-performance glass minimises heat gain and loss, reducing energy use. The maximization of glazed areas increases natural light infiltration, reducing the use of artificial lighting. The curtain wall skin that envelops the structure is insulated with spandrels, minimising thermal loss, and natural ventilation is allowed through the glazing system, providing fresh air and minimizing the need for mechanical ventilation. Materials were selected with consideration for life cycle, and waste minimization. Low-emission products were used whenever possible, as were natural materials (stone flooring and benchtops, wool carpets), and plantation timbers.

- 1 Sky Rise apartment configuration, levels 66–80
- 2 Sky Rise apartment configuration, levels 56–64
- 3 Premier Rise apartment configuration, levels 28–52
- 4 River Rise apartment configuration, levels 11–24
- 5 Tower seen from Yarra River
- 6 View from Melbourne Botanic Gardens
- 7 Canopy detail
- 8 General view

Photography: Angelo Marcina, courtesy Eureka Tower Pty Ltd

Plans: Courtesy Eureka Tower Pty Ltd



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**Location** Melbourne, Australia  
**Completion date** 2006  
**Architect** Fender Katsalidis Pty Ltd  
**Client** Eureka Tower Pty Ltd  
**Structural engineer** Connell Mott MacDonald Pty Ltd  
**Mechanical engineer** Norman Disney & Young Pty Ltd  
**Vertical transportation engineer** Norman Disney & Young Pty Ltd  
**Landscape architect** Tract Pty Ltd  
**Contractor** Grocon Constructors Pty Ltd

**Developer** Eureka Tower Pty Ltd  
**Height of building** 984.3 ft/300 m  
**Above-ground stories** 92  
**Basements** 1  
**Above-ground useable levels** 89  
**Mechanical levels and level numbers** 6: Levels 25, 53, 81, 90, 91, 92  
**Use** Residential, retail, observation deck  
**Site area** 52,724 sq ft/4900 sq m  
**Area of above-ground building** 645,600 sq ft/60,000 sq m

**Area of typical floor plate** Levels 11–24, 26–52, 54–55: 15,322 sq ft/1424 sq m; levels 56–64: 10,760 sq ft/1000 sq m; levels 65–87: 6994 sq ft/650 sq m  
**Number of parking spaces** Basement: 220; carpark decks, levels 2–9: 594; total 814  
**Principal structural materials** Off form reinforced concrete, curtain wall  
**Other materials** Off form reinforced concrete shear walls, acoustic rated lightweight plasterboard wall panels, post tensioned reinforced concrete floors, powdercoated aluminium framed windows  
**Cost** A\$500 M