

ADDITIONAL INFORMATION

1. **One World Trade Center**

- More information: [One World Trade Center \(Emporis\)](#)
- Costs: \$ 3.9 billion
- Architect: Skidmore, Owings & Merrill
- The heights of the observation decks match the heights of the original World Trade Center's Twin Towers and the tower's footprint is equal to that of each of the original Twin Towers.
- The building has a dedicated firefighter staircase.

2. **The Palazzo**

- More information: [The Palazzo \(Emporis\)](#)
- Costs: \$ 1.9 billion
- Architects: HKS, TSA of Nevada
- On completion, it became the tallest high-rise building in Las Vegas.
- While under construction The Palazzo was the setting for an early scene of the film *Ocean's Thirteen*.

~ **The Shard**

- More information: [The Shard \(Emporis\)](#)
- Costs: \$ 1.9 billion
- Architects: Renzo Piano Building Workshop, Adamson Associates
- The building's design has been described by the architect as resembling a sharp, crystal pyramid.
- The building's facade is both double-skinned and ventilated, thus reducing solar gain whilst maximising light intake. In the "fractures" between the shards, opening vents provide natural ventilation to winter gardens.

4. **Taipei 101**

- More information: [Taipei 101 \(Emporis\)](#)
- Costs: \$ 1.76 billion
- Architect: C. Y. Lee & Partners
- The tower's design specifications are based on the number "8", a lucky number in traditional Chinese culture. It features 8 upward-flaring sections, and is supported by 8 supercolumns.
- Most aspects of the design, layout and planning were reviewed and approved by a Feng Shui master.

5. **Burj Khalifa**

- More information: [Burj Khalifa \(Emporis\)](#)
- Costs: \$ 1.5 billion
- Architect: Skidmore, Owings & Merrill
- It is the tallest building in the world.
- The condensation water collected from the air conditioning system equals nearly 20 Olympic-sized swimming pools per year and is, in turn, used for irrigating landscaping.

~ **Sheraton Huzhou Hot Spring Resort**

- More information: [Sheraton Huzhou Hot Spring Resort \(Emporis\)](#)
- Costs: \$ 1.5 billion
- Architect: MAD
- At night, the entire building is lit up brightly by both its interior and exterior lighting. The building is intended to resemble the bright moon rising above Lake Tai.
- The hotel's ring shape enables all rooms to have balconies and views, and receive daylight from all directions.

7. CapitaGreen (under construction)

- More information: [CapitaGreen \(Emporis\)](#)
- Costs: \$ 1.4 billion
- Architect: Toyo Ito & Associates, RSP Architects Planners & Engineers
- The building will have a "sky forest" on the roof. The cool air produced there is sent down through an empty central core into the offices.
- More than half of the building facade will be covered with living green plants. The double-skin facade reduces solar heat gain in the building and serves as a greenhouse for the plants.

8. Elbphilharmonie (under construction)

- More information: [Elbphilharmonie \(Emporis\)](#)
- Costs: \$ 1.03 billion
- Architects: Herzog & de Meuron Architekten AG, Kallmorgen & Partner
- The design incorporates the former storage facility *Kaispeicher A*, which was gutted and its brick facade retained, along with the 1,111 concrete piles on which it stood. In order to bear the extra weight of the *Elbphilharmonie*, over 600 additional concrete piles were sunk into the River Elbe.
- The structure will include an observation plaza below the glassy superstructure which will be open to the general public.

9. Bank of America Tower

- More information: [Bank of America Tower \(Emporis\)](#)
- Costs: \$ 1 billion
- Architect: Cook + Fox Architects, Adamson Associates
- It is the fourth tallest building in New York City.
- The environmentally-friendly design of the building features an automatic daylight dimming system and a greywater system that captures rainwater for reuse.

~ **Chifley Tower**

- More information: [Chifley Tower \(Emporis\)](#)
- Costs: \$ 1 billion
- Architect: Kohn Pedersen Fox Associates
- To counteract the building sway in high winds, a giant steel block pendulum weighing 400 tonnes – suspended from eight 75mm diameter steel wires located near the top floor – is connected to a hydraulic dampened gravity system.
- The tower is named after former Australian Prime Minister Ben Chifley.