

The Pinnacle



Identification




EBN	237829
Name	The Pinnacle
Alternative Name	The Bishopsgate Tower, DIFA Tower
Construction Type	skyscraper
Complex Type	office complex
Complex Name	The Pinnacle
Current Status	unbuilt [cancelled]

Location

Continent Name	Europe	Postcode	EC2
Country Name	United Kingdom	Address (as text)	22-24 Bishopsgate, 38 Bishopsgate and 4 Crosby Square
State Name	England	Main Address	22-38 Bishopsgate

Metro Area Name	London Metro Area	Latitude	Contact us
City Name	London	Longitude	Contact us
District (1st level)	City of London		

Description

Foundation System	pile foundation	Facade Color	light gray purple
Structural Material	steel	Main Usage	commercial office
Facade System	curtain wall	Side Usage	shop(s)  restaurant  café  bar
Facade Material	glass		

Spatial dimensions

Height (structural)	944.55 ft	Floors (underground)	3
Height (tip)	944.55 ft	Floors (overground)	64
Height (roof)	944.55 ft	Parking places	6
Height (floor-floor)	13.12 ft	Gross Floor Area (GFA)	Contact us

Years and costs

Year (construction start)	2008
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Features & Amenities

- Handicapped accessible
- Raised floors are available
- Skylobby is present
- Solar panels are installed
- Variable walls can be built

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Email	sales@emporis.com	Tokyo	04:00 pm - 02:00 am

Facts

- The design of the top resembles a helter-skelter, hence the tower's nickname.
- Level 57 is double height.
- The top of the tower should sway by only about 5 centimetres (2 inches).
- The height was determined by the flight path leading to London's City Airport.
- Features a high performance triple glazed façade and combines both natural and mechanical ventilation to reduce carbon emissions and energy consumption.
- The scheme was initially proposed to be 307.25m tall with 64 storeys and a total floor area of 140,147sq m. Following objections from the Civil Aviation Authority, the height was reduced in December 2005 by 19.35m/4 storeys.
- The ventilated façade system consists of overlapping flat panels which resemble snakeskin, obviating the need for curved panels; indeed the exterior is expressed without a single piece of curved glass.
- The building has 52 office floors with financial trading floors sited on levels 3 to 9.
- The building has 60 main 2.4 metre (7.8 feet) piles descending to a depth of 60 metres (197 feet), each of which required concrete to be poured continuously for 13 hours.
- The design maximises the use of natural light reducing dependence on electric lighting.
- All of the office floor plates can be split to house two tenants on one floor and all floors can be configured for cellular or open-plan occupation.
- The building's height AOD is 305 metres.
- The façade is ventilated to counter solar gain and facilitate the use of natural ventilation.
- The base of the tower exhibits a curvaceous canopy which billows out in the manner of the bottom of a pair of flared trousers.
- The tower has 90,000 photovoltaic cells which are integrated into around 2,000 sq m of the façade and generate 200 kilowatts of electricity.
- An earlier proposal for a 216m tall, 50-storey tower designed by Murphy/Jahn Associates on the site of 6-8 Bishopsgate and 22-24 Bishopsgate was abandoned following opposition from English Heritage over the impact on the view of St. Paul's Cathedral looking east along Fleet Street.
- A planning application was submitted on 1 December 2006 to make a series of revisions to the scheme in order to increase the overall floor area. The changes retain the same building envelope, but include 3 additional floors, a revised Sliver building, changes to the cladding and a larger basement.
- The building incorporates biomass heating and ground water heat exchangers.
- The bottom three storeys of the tower are publicly accessible; there is also a sky lobby and restaurant on the 43rd floor which are London's highest public vantage point.

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Involved companies

Architect.....

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Pilbrow & Partners

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Additional company data available for this building

Architectural Model Making	Contact us	Landscape Architect	Contact us
Client	Contact us	MEP Engineering	Contact us
Consultant	Contact us	Planning Consultant	Contact us
Developer	Contact us	Project Management	Contact us
Elevator Engineering	Contact us	Real Estate Agent	Contact us
Facade Designer	Contact us	Sealants & Adhesives Supplier	Contact us
Facade Maintenance System Supplier	Contact us	Steel Supplier	Contact us
Facade Supplier	Contact us	Structural Engineering	Contact us
Fire Protection Engineering	Contact us	Wind Surveyor	Contact us
General Contractor	Contact us		

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