Petronas Tower 3

Facts

Official Name: Petronas Tower 3
Name of Complex: Petronas Towers
Other Names: Menara Carigali Tower, Grant 43699, Lot 171, Seksyen 58
Structure Type: Building
Status: Completed
Country: Malaysia
City: Kuala Lumpur
Street Address & Map: Jalan P Ramlee
Building Function: Office
Structural Material: Concrete
Proposed: 2006
Construction Start: 2008
Completion: 2012

Rankings

Global Ranking: #283 Tallest in the World
Regional Ranking: #167 Tallest in Asia
National Ranking: #7 Tallest in Malaysia
City Ranking: #6 Tallest in Kuala Lumpur

Companies Involved

Owner/Developer: Arena Merdu Sdn. Bhd
Architect: Pelli Clarke Pelli Architects
• Design
• Architect of Record: aQidea
Structural Engineer: Meinhardt
MEP Engineer: Valdun
• (not specified)
Project Manager: KLCC Projeks Sdn. Bhd
Main Contractor: Daewoo E&C
Other Consultant: AECOM
• Cost
• Façade: Meinhardt Facade Technology (S) Pte. Ltd.

About Petronas Tower 3

Sited on the southwest corner of the Kuala Lumpur City Centre Development (KLCC), Menara Carigali is directly adjacent to the Petronas Towers, designed by the same architect. This new office tower supports the whole complex without detracting from the renowned twin towers. Like the Petronas Towers, whose form is generated by two interlocking squares, the new tower's form is generated by two interlocking volumes: a square and a triangle.

The design of the building envelope carefully responds to the tropical climate of Malaysia. To control heat gain and glare in the offices, the total area of vision glass is limited. The unitized curtain wall system is composed of alternating rows of tinted glass, back-painted glass, and

Figures

Height: Architectural: 267 m / 876 ft
Height: Occupied: 235.7 m / 773 ft
Height: To Tip: 267 m / 876 ft
Floors Above Ground: 60
Floors Below Ground: 5
# of Elevators: 28
Top Elevator Speed: 8 m/s
Tower GFA: 141,300 m² / 1,520,941 ft²
# of Parking Spaces: 250
aluminum-finished composite panels. Rounded anodized aluminum mullions add texture and perforated brise-soleil, also of anodized aluminum, provide shade. At the ground level, the storefront is more transparent, incorporating fritted and vision glass.

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