

Petronas Tower 3



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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 m ² / 1,520,941 ft ²
# of Parking Spaces	250

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	COM
Country	Malaysia
City	Kuala Lumpur
Street Address & Map	Jalan P Ramlee
Building Function	office
Structural Material	concrete
Proposed	2006
Construction Start	2008
Completion	2012

Companies Involved

Owner/Developer	Arena Merdu Sdn. Bhd
Architect	<ul style="list-style-type: none">• Design Pelli Clarke Pelli Architects• Architect of Record aQidea
Structural Engineer	<ul style="list-style-type: none">• Design Meinhardt
MEP Engineer	<ul style="list-style-type: none">• (not specified) Valdun
Project Manager	KLCC Projek Sdn. Bhd
Main Contractor	Daewoo E&C
Other Consultant	<ul style="list-style-type: none">• Cost AECOM• Façade Meinhardt Façade 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 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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