

Sheraton Incheon Hotel



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Figures

Height: Architectural	101.6 m / 333 ft
Height: Occupied	92.1 m / 302 ft
Height: To Tip	101.6 m / 333 ft
Floors Above Ground	24
Floors Below Ground	2
# of Elevators	5
Tower GFA	43,528 m ² / 468,531 ft ²
# of Hotel Rooms	319
# of Parking Spaces	370

Facts

Official Name	Sheraton Incheon Hotel
Structure Type	Building
Status	Completed
Country	South Korea
City	Incheon
Street Address & Map	6-9 Songdo-Dong, Yeonsu-Gu
Postal Code	406-840
Building Function	hotel
Structural Material	concrete
Proposed	2006
Construction Start	2008
Completion	2010

Companies Involved

Owner	Sheraton Hotels & Resorts
Developer	Gale International; The Daewoo Group
Architect	<ul style="list-style-type: none">• Design HOK, Inc.• Architect of Record HAEAHN Architecture, Inc.; Heerim Architects & Planners
Structural Engineer	<ul style="list-style-type: none">• Design Arup• Engineer of Record Dong Yang Structural Engineers
MEP Engineer	<ul style="list-style-type: none">• Design Arup• Engineer of Record Woowon M&E
Project Manager	Gale International
Main Contractor	Daewoo E&C

About Sheraton Incheon Hotel

Situated at the south east corner of the Central Park in New Songdo City, the hotel is adjacent to the city's new Convention Center, the Northeast Asia Trade Tower, and a large retail mall. These buildings are connected through a series of plazas and landscaped areas, and underground by a parking structure spanning the site. The tower section of the hotel contains 318 guestrooms, while amenities are located on the five lower levels of the wing adjacent to the tower.

The design of the hotel was generated to facet and break the massing of the both the guestroom tower and the lower amenity wing to minimize the façade areas exposed to direct solar radiation. Taking this concept to a detailed level, the façades of the guestroom tower were then designed to be broken into four-story tall, two room wide modules, that are fractured and angled further away from direct solar radiation. As a final detail, each of these modules is shaded by two, four-story tall perforated aluminum sunshades. The lower, amenity wing of the hotel is wrapped in a reflective, metal roof that shades portions of the glazed façades below.

Research Papers

[Biomimicry Inspired Design for Nine Towers at Central Park in New Songdo City](#)

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