



Burj Khalifa Gatehouses

Dubai, United Arab Emirates

ADRIAN SMITH + GORDON GILL
ARCHITECTURE

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As the world's tallest building and Dubai's top tourist destination, Burj Khalifa has thousands of visitors daily, most of whom arrive in automobiles—each of which must undergo security inspection.

SERVICES

Architecture

CLIENT

Emaar Properties

FUNCTION

Infrastructure

FACTS

6 gatehouses

AWARDS

International Architecture
Award, 2012

A key component of that mission is the AS+GG-designed gatehouses, which are as beautiful as they are functional. In keeping with the client's desire for a consistent style for all structures within the Burj complex, the gatehouses take their aesthetic cues from the tower and related office building. The curving lines of the gatehouses derive from the undulating form of the tower massing (opposite page, left) and site design; the stainless steel cladding is similar to that used in the tower's mullions and spandrels, while the panelization echoes the modular framing of the curtain wall.

There are six gatehouses in the Burj Khalifa complex, each with its own function and identity, including the main hotel entrance, the main residential entrance, the hotel entrance, a taxi stand, the office annex entrance and the truck service entrance. Some of the gatehouses have electronic automobile scanners, the housing for which was designed by AS+GG. All of the gatehouses feature teak louvers and ceilings (for added functionality and contrast with the stainless steel exterior walls and columns) as well as offices with observation rooms for the security checkpoint staff. The office windows are glazed with tinted glass that provide additional insulation and glare mitigation while shielding the staff from view.



