

An architectural rendering of the Hotel Atlantic interior. The image shows a multi-story atrium with a central glass wall. The ceiling is a complex, layered structure of white and yellow panels. The walls are covered in a textured, metallic-looking material. The floor is a dark, polished surface. The overall color palette is dominated by blues, greys, and yellows. The text 'Hotel Atlantic' is centered in the upper half of the image.

Hotel Atlantic

Dubai, United Arab Emirates

ADRIAN SMITH + GORDON GILL
ARCHITECTURE

Hotel Atlantic

Dubai, United Arab Emirates

Hotel Atlantic was designed for a site in Dubai as a unique, contemporary interpretation of a world-class resort destination. The complex, designed as a unique vision for a technologically-advanced resort, will dazzle visitors while offering the best in comfort, style and luxury.

SERVICES

Architecture
Master Planning
Interior Design

CLIENT

Confidential

FUNCTION

Hotel

FACTS

35 stories

The complex's design is based on a linear composition of two buildings sited parallel to the beach, with the 35-story residential tower to the east and the 35-story hotel tower to the west, offering unique views to all rooms.

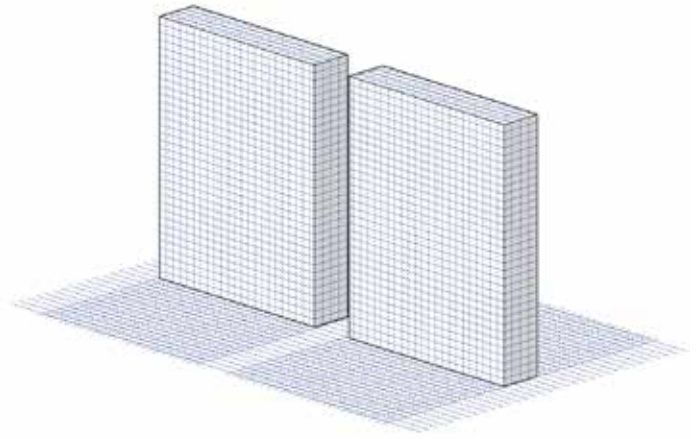
A main feature of the tower design is a canopy veil that frames the buildings, extending off the towers by 10 meters on each side. The canopy unites the composition of the two towers and provides shading to the public spaces below. The also veil acts as an overall floodlight for the buildings, creating another dimension, which adds to the depth of space to the complex. The north and south canopy facades have light options to punctuate the glass at regular intervals, highlighting the canopy's structural elements. The color of the buildings can also be changed with these lights.

The canopy was designed to be constructed of an assembly of steel columns and beams that are rigidly connected to create a frame structure. The frame structure will be "tuned" to an optimal stiffness that is sympathetic to the behavior of the tower to avoid incompatibilities under wind and seismic events, as well as long-term shortening of the tower. The basic stability of the frame out-of-plane is provided by a network of steel stubs or props that attach back to the reinforced concrete tower. These attachment points are anticipated at the tower slab edges that align with the exterior canopy frame (every four stories), and at column lines on the roof level that align with the canopy grid overhead.

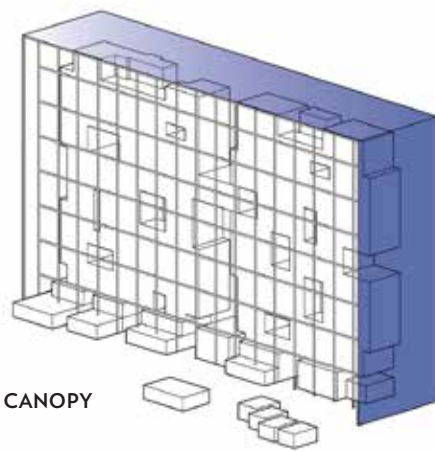


The two identical masses are made up of a grid set by a consistent room module of 5.35m. The canopy frames the forms, offering shading and creating an iconic and memorable scale. The organizing grid will support the canopy, giving a framework for the spaces within. Individual program elements of the podium are further organized by axes of circulation.

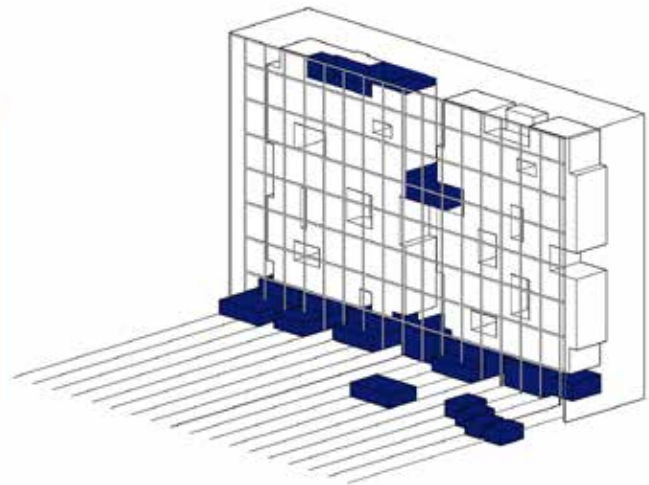
The towers will form an overall composition of pattern and movement within the context of the efficient geometry of squares and rectangles, with the main goal being maximized view to the ocean. The monumental windows will provide excellent vistas as well as lend a uniqueness to the building, both inside and out.



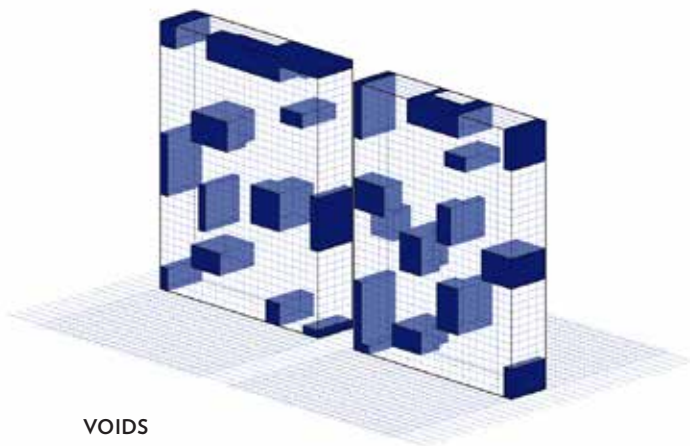
FUNCTIONAL GRID



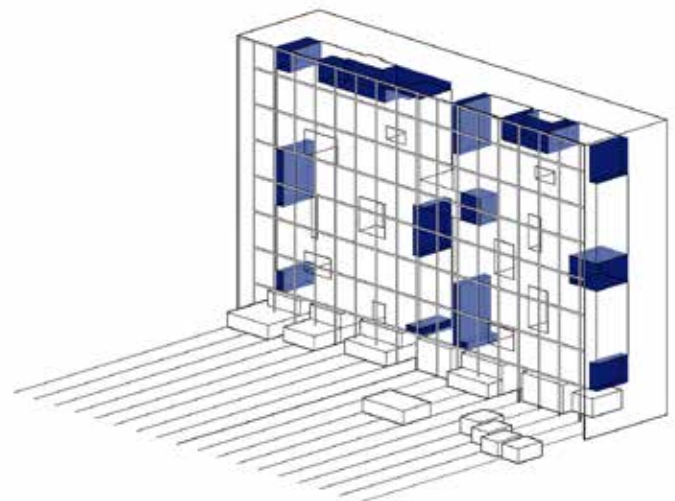
CANOPY



SITE AND PODIUM ORGANIZATION



VOIDS



SPECIAL EDGE AREAS

