

Chairman Tower at Trump Taj Mahal Atlantic City, NJ

Client
Trump Organization

Value
US\$250,000,000

Completion
2009

Assignment
Construction Management



Bovis Lend Lease is managing the construction of the 40-story, 467 foot tall hotel tower.

Located between the existing Taj Mahal Palace and Show Boat Casino, the 716,568 gross square foot hotel tower will feature 786 guest rooms on the fourth through 39th floors.

A 5,984-foot, two-story Connector Bridge will link the new tower with the existing facility. Twelve elevators (four service, four low-rise, and four high-speed high-rise) will service the 39 floors.

The tower sits atop a nine-foot thick mat foundation, this 14-hour mat foundation concrete pour was the second largest continuous pour in the history of Atlantic City; the structure has a 3,400 square foot poured-in-place floor-by-floor reinforced concrete center core wrapped by a varied 14-inch to 18-inch thick continuous pour shear wall.

The remaining 14,000 square foot perimeter floor plate, outside the center core, is constructed of pour-in-place concrete columns and precast filigree panels. The façade will be an architecture pre-cast panel shaped in a raised pyramid with intermixed metal panels on floors one through three; the remaining façade will be continuous curtain wall system from the fourth floor to the roof.

Floors include:

- First Floor — loading dock and trash compactor areas, mechanical support area (23kv electrical switchgear, emergency generator, fire pump, AHU) and bellman luggage storage
- Second Floor — Support staff services (restroom facilities, laundry room, storage areas), back-of-house areas, support staff elevator access
- Third Floor — 26-foot high grand lobby entrance from the connector bridge, allowing access to the high- and low-rise passenger elevator lobby, three large meeting conference rooms and additional mechanical space to support the floors
- Fourth — 38th Floors — Guestrooms
- 39th Floor — double and triple room suites
- 40th Floor — mechanical, electrical, fire protection equipment and utilities to service the upper 18 floors