110 North Wacker






Click an image to view larger version.

Figures

Height: Architectural	249 m / 817 ft
Height: Occupied	229.2 m / 752 ft
Height: To Tip	249 m / 817 ft
Floors Above Ground	56
Floors Below Ground	2
# of Elevators	30
Top Elevator Speed	8 m/s
Tower GFA	164,438 m² / 1,769,996 ft²
# of Parking Spaces	110

Facts

Official Name	110 North Wacker
Other Names	Bank of America Tower
Structure Type	Building
Status	UCT
Country	United States
City	Chicago
Street Address & Map	110 North Wacker Drive
Postal Code	60606
Building Function	office
Structural Material	composite • Core: Reinforced Concrete • Columns: Steel • Floor Spanning: Steel
Proposed	2017
Construction Start	2018
Completion	2020

Companies Involved

Owner/Developer	Howard Hughes Corporation; Riverside Investment & Development
Architect	
• Design	Goettsch Partners
Structural Engineer	
• Design	Thornton Tomasetti
MEP Engineer	
• Design	Environmental Systems Design, Inc.
Main Contractor	Clark Construction Group
Other Consultant	
• Civil	V3 Companies
• Foundation	Case Foundation
• Geotechnical	GEI Consultants
• Landscape	Wolff Landscape Architecture
• Property Management	CBRE
• Traffic	Kimley Horn
• Vertical Transportation	Jenkins & Huntington
Material Supplier	
• Concrete	Prairie Material
• Crane	Federated Crane
• Elevator	KONE
• Foundation Equipment	BAUER Group
• Steel	ArcelorMittal

About 110 North Wacker

Located along the South Branch of the Chicago River, 110 North Wacker was constructed upon a trapezoidal shaped site presenting design challenges in creating desirable lease spans while accommodating for a publicly accessible riverwalk of at least 9.1 meters (30 feet) in width, as required by city ordinance for any riverfront development site. These challenges were addressed by placing the building core within the center of the composite structure and taking the unusual approach of staggering the core walls to maintain a 13.7 meter (45 foot) span of leasable office space on each side of the building. This staggering of the core walls is then reflected in a series of rectilinear setbacks along the west façade, maintaining an orthogonal 1.5 meter (five foot) planning module throughout the building while providing for the equivalent of 14 corner offices per floor.

The building structure is composed of column-free floor spans framed with steel beams linking the central reinforced concrete core to a series of steel perimeter columns which transition into three trident shaped trusses on the riverfront creating an arcade for the riverwalk, which in conjunction with a small pocket park to the north, provides for 50 percent of the site being open-air public space at street level.

CTBUH Initiatives

CTBUH Chicago Hosts Panel Discussion at the CAC
22 May 2019 – Event Report

To submit more information or donate images for this project, please use our submission portal.