

U.S. Steel Tower - Pittsburgh, PA



A prominent high-rise in the central business district, U.S. Steel Tower is the tallest building in Pittsburgh, PA. The triangle-shaped building was originally developed by U.S. Steel Corporation, using steel from the former prominent Pittsburgh-based steel plant, U.S. Steel Homestead Works.

U.S. Steel Tower | 600 Grant Street, Pittsburgh, PA

Architecture & Design Features

- ◇ Tallest building in Pittsburgh, PA from completion in September 1970
 - ◇ Unique tringle-shaped tower (floor plates) with indented corners
 - ◇ Oversized massive exterior steel columns | 'Core-ten' steel
 - ◇ Core-ten steel exterior columns incorporate a special, dark brown oxidation coating to inhibit rust, thereby reducing preventive maintenance
 - ◇ Liquid-filled fireproofed columns | First building to design and implement
 - ◇ LEED Silver Certified - Existing Buildings (2019)
 - ◇ University of Pittsburgh Medical Center (UPMC) signage on the top of all 3 sides of the building in conjunction with their lease and occupancy in the building
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U. S. Steel Tower

PROJECT SUMMARY

Project Description	Developed by United States Steel Corporation. This triangle-shaped prominent high-rise has been the tallest building in Pittsburgh, PA since its completion in September 1970.
Official Building Name	U.S. Steel Tower
Other Building Names	UPMC Building Steel Building USX Tower (previous)
Location	Downtown Central Business District (CBD) Pittsburgh, PA
Address	600 Grant Street, Pittsburgh, PA
Construction	Commenced - 1967 Completed 1970
Occupancy Use	Office

PROJECT DESIGN & CONSTRUCTION

Original Owner	United States Steel Corporation
Architect	Harrison, Abromovitz & Abbe Architects
Structural Engineer	Leslie E. Robertson Associates
Main Contractor	Turner Construction
Owner Manager	The 601W Companies Winthrop Management
Façade	Massive exterior Cor-ten steel columns and curtain wall system with glass panels. The tower's façade incorporates dark brown steel columns, beams, and supporting elements. Spacing of the exterior beams, every 3 floors, provides architecturally-balanced scale to the oversized steel components.
Structure	Triangle-shaped with Core-ten steel and reinforced concrete. Floor spanning - steel.

BUILDING CONSTRUCTION SUMMARY

Size Category	2,336,000 GSF 217,000 GSM Class A Mixed Use: Office
Height Rankings	#1 in Pittsburgh #52 tallest in United States #367 tallest in world
Height Details	Tip: 841 feet 256 meters
Number of Floors	64 Above Ground 3 Below Ground
Elevators	54 - six banks of eight elevators, four freight and two private elevators

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NOTABLE FACTS

- ◇ Tallest building in the world with a flat roof | 1 acre in size | Previously served as a heliport
- ◇ Water-filled steel columns for fire protection.
- ◇ During the initial development design planning stage, U.S. Steel Corporation considered making this property the world's tallest building.
- ◇ At the time of completion, the tallest building outside of New York City and Chicago.
- ◇ The initial 'Core-ten' exterior steel coating product resulted in discoloration of surrounding city sidewalks, that remains despite efforts to remove over the years.



U.S. Steel Tower | Tallest Building
Pittsburgh Central Business District (CBD) skyline