

# BROOKFIELD PLACE CALGARY



## BUILDING SPECIFICATIONS

### General Description

Brookfield Place Calgary is a full-block commercial development located between 1st & 2nd Streets and 6th & 7th Avenues SW in downtown Calgary. Brookfield Place Calgary consists of 1.4 million square feet, 56 storeys and 247 meters tall located at the northeast corner of the block. Leading North American oil company Cenovus is committed to one million square feet of the east tower as the anchor tenant.

In addition to the east tower, development plans call for an additional office tower totaling approximately one million square feet, a 60-foot-high transparent glass pavilion, restaurants, retail shops and amenities at street level, and underground parking accommodating 1,100 parking stalls.

A half-acre lit public plaza will traverse the site and will feature restaurants and cafés, public art displays, cultural activities and programmed activity provided by Brookfield's award-winning Arts & Events program.

Brookfield Place Calgary has been constructed to a high standard of sustainability and has achieved the LEED® Gold standard for Core & Shell development. Commuters will have direct access to the plus-15 skywalk system and the Calgary LRT on 7th Ave. The property has an end of trip facility consisting of an innovative bicycle parking facility accessible by dedicated bike ramps separate from vehicular traffic complete with showers and day lockers.

# BFPL

<b>Design Architect</b>	Arney Fender Katsalidis Dialog
<b>General Contractor</b>	EllisDon
<b>Mechanical Engineer</b>	The Mitchell Partnership Inc. – Toronto
<b>Electrical Engineer</b>	Mulvey & Banani International Inc. – Toronto
<b>Structural Engineer</b>	Entuitive Corporation
<b>Completion Date</b>	East Tower – 2017 Completion
<b>Building Height</b>	East Tower – 56 storeys (247 m, 810 ft) no 13th floor
<b>Design Load</b>	Live Loads: East Tower 4 – 56 3.84 kPa average
<b>Rentable Area</b>	East Tower – 1,400,000 square feet of office space East Retail – 16,600 square feet of retail space Pavilion – 5,300 square feet of retail space
<b>Typical Floor Area</b>	East Tower – 26,500 square feet
<b>Ceiling Heights</b>	Standard floor to ceiling height is : East Tower 9' (2.75 m)
<b>Parking Clearance</b>	6'10"
<b>Mullion Spacing</b>	58.9" inches centre to centre
<b>Exterior Column Spacing</b>	Exterior column spacing centre to centre is 354" for all columns except the spacing between the centre two columns on the North and South side on gridlines D and E are 472".
<b>Heating, Ventilation and Air Conditioning</b>	Air changes – minimum of 6.4 per hour per floor. Fresh Air – minimum of 20 cfm/person per 125 square feet.
<b>Design Criteria</b>	The building's HVAC systems are designed to meet or exceed ASHRAE requirements
<b>Heat</b>	Heat is supplied by boilers in the east mechanical rooms. Boilers are both condensing and non-condensing hot water types.
<b>Air Conditioning</b>	Cooling is provided by mechanical chillers in the east mechanical plant. Sophisticated automation systems control the interior and perimeter air handling units to conserve energy and optimize indoor air quality.
<b>Standard Hours of HVAC Operation</b>	7:30 a.m. to 6:00 p.m. Monday through Friday
<b>Electricity</b>	Building-standard power: East Tower – 3 watts per sq ft. for tenant use Back-up Power - 1 watt/sq. ft. from diesel generator



<b>Electric Riser</b>	1 per floor
<b>Communication Riser</b>	2 per floor
<b>Number of Passenger Elevators</b>	Destination Dispatch System Low Rise – 10 elevators A1-A10, 700 FPM Mid Rise – 10 elevators B1-B10, 1,000 FPM High Rise – 10 elevators C1-C10, 1,200 FPM  Retail and Parkade Shuttles – 4 elevators 350 FPM
<b>Passenger Elevator Capacity</b>	3,500 lbs. for passenger elevators
<b>Number of Service Elevators</b>	East Tower - 2 Retail - 1
<b>Service Elevator Capacity</b>	East Tower: 5500 lb capacity Retail: 4500 lb capacity
<b>Service Elevator Size</b>	East Tower: 69" wide, 101.5" deep, 90" high (door), Interior Height 144.75" Retail: 69" wide, 86.75" deep, 84" high (door), Interior Height 96.25"

