

$Bankers \;Hall \; | \; {\tt Building \; Specifications} \\$

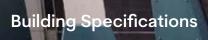
General Description	Bankers Hall is Calgary's premier office development consisting of 2.2 million square feet of rentable area. The project is comprised of twin 52 storey office towers, sitting above a 7-storey office/retail podium that integrates the historic Hollinsworth Building and the adjacent 26-storey Royal Bank Building. The property is located in Calgary's central business district and is connected to the above ground pedestrian network. The East Tower and retail podium were completed in 1989, with the West Tower completed in May 2000. Bankers Hall offers an unsurpassed range of amenities, including fashion and service retailers, a health club, and a variety of restaurants. Bankers Hall is a certified green building with a Gold level of certification in the Leadership in Energy and Environmental Design (LEED®) Existing Buildings: Operations and Maintenance program
Design Architect	The Cohos Evamy Partners
General Conractor	EllisDon and PCL

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Mechanical Engineer	Smith & Andersen Consulting Engineering TMP Consulting Engineers (Alberta) Ltd.
Electrical Engineer	Mulvey + Banani International (Alberta) Inc.
Structural Engineer	Read Jones Christoffersen Ltd.
Completion Date	Hollinsworth – 1912 Completion Royal Bank Building – 1969 Completion East Tower – 1989 Completion West Tower – 2000 Completion
Building Height	East Tower – 52 storeys West Tower – 52 storeys Royal Bank Building – 26 storeys Hollinsworth Building– 7 storeys
Design Load	Live Loads: East Tower - 50 live + 20 West Tower - 75 live + 20 Royal Bank Building - 50 live + 20 Mechanical floors - 250 lbs. /sq. ft.
Rentable Area	East and West towers – 1,614,482 square feet of office space. 257,000 square feet of retail space Royal Bank Building– 330,013 square feet Hollinsworth Building– 42,331 square feet
Typical Floor Area	East Tower – 20,500 square feet West Tower – 20,500 square feet Royal Bank Building – 12,400 square feet
Ceiling Heights	Standard floor to ceiling height is: East Tower 8'6" West Tower 8'9" Royal Bank Building 8'6"
Mullion Spacing	East & West Tower - 10 feet Royal Bank Tower – 5 feet

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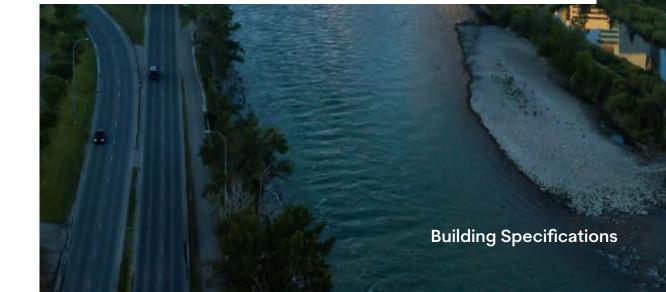
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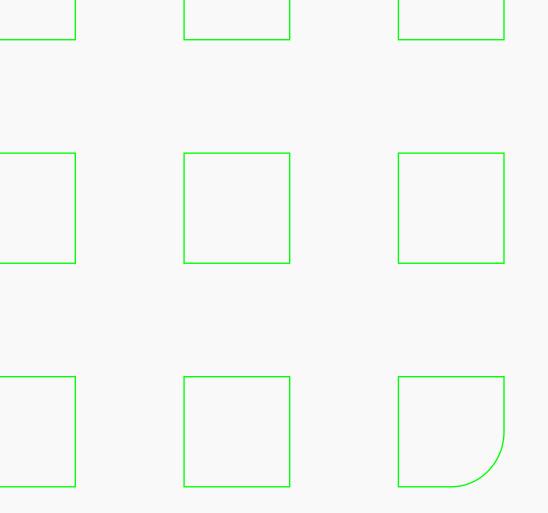
Interior Columns	East and West towers - Cast in place concrete conventionally reinforced. Lateral forces are taken by a combination of the building core and exterior close spaced columns at north and south elevators. No interior columns. Royal Bank Building – Cast in place concrete slabs and post –tensioned beams on concrete column frame. Lateral stability is provided by reinforced concrete shear walls and stair, elevator and washroom core walls.
Heating, Ventilation and Air Conditioning	Industry standards are met or exceeded. Air changes – minimum of 4 per hour per floor. Fresh air – minimum of 0.15 cfm/sq ft. for the total floor area.
Design Criteria	The building's HVAC systems are designed to meet or exceed ASHRAE requirements.
Heat	Heat is supplied by boilers located in the east and west mechanical rooms. Boilers are both gas fired low pressure steam and hot water types.
Air Conditioning	Cooling is provided by mechanical chillers in the east and west mechanical plants. Sophisticated automation systems control the interior and perimeter air handling units to conserve energy and optimize indoor air quality.
Standard Hours of HVAC Operation	7:30 a.m. to 6:00 p.m. Monday through Friday Supplemental HVAC is available 24 hours a day
Electricity	Building-standard power : East Tower – 2 watts per sq ft. for tenant use. West Tower – 5 watts per sq ft. for tenant use. Additional power is available based upon demonstrated need.
Electric Closet	1 per floor
Telephone Closet	1 per floor



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Number of Passenger Elevators	East Tower - 17 Elevators broken down as follows: Low Rise -5 Elevators 1-5, 800 FPM Mid Rise - 6 Elevators 6-11, 1000 FPM High Rise - 4 Elevators 12-15, 1200 FPM Sky Shuttles 2 Elevators 17-18, 300 FPM West Tower - 15 Elevators broken down as follows: Low Rise - 5 Elevators 23-27, 800 FPM Mid Rise - 6 Elevators 28-33, 1200 FPM High Rise - 4 Elevators 34-37, 1400 FPM Royal Bank Building - 6 Elevators, 700 FPM Retail and Parkade Shuttles - 3 Elevators, 300 FPM Hollinsworth Building - 3 Elevators broken down as follows: Passenger Shuttles 1-2, 300 FPM Service Elevator , 250 FPM 3500 lb. Capacity West Parkade - 1 elevator , 300 FPM
Passenger Elevator Capacity	3,500 lbs. depending on elevator bank
Number of Service Elevators	East Tower - 1, 4500 lb. capacity. Interior height 12' West Tower – 1, 4500lb. capacity. Interior height 11'11" Royal Bank Building – 1 elevator that doubles as passenger shuttle.
Service Elevator Size	East Tower 52" wide, 106" deep, 96" high (door) Interior height 12' West Tower 52" wide, 106" deep, 96" high (door) Interior height 11'11"









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