

# Brookfield

## BANKERS HALL

<b>General Description</b>	<p>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.</p> <p>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.</p>
<b>Design Architect</b>	The Cohos Evamy Partners
<b>General Contractor</b>	EllisDon and PCL
<b>Mechanical Engineer</b>	Smith & Andersen Consulting Engineering TMP Consulting Engineers (Alberta) Ltd.
<b>Electrical Engineer</b>	Mulvey + Banani International (Alberta) Inc.
<b>Structural Engineer</b>	Read Jones Christoffersen Ltd.
<b>Completion Date</b>	Hollinsworth - 1912 Completion Royal Bank Building - 1969 Completion East Tower - 1989 Completion West Tower - 2000 Completion
<b>Building Height</b>	East Tower - 52 storeys West Tower - 52 storeys Royal Bank Building - 26 storeys Hollinsworth Building- 6 storeys
<b>Design Load</b>	Live Loads: East Tower                    50 live + 20 West Tower                    75 live + 20 Royal Bank Building 50 live + 20 Mechanical floors        250 lbs. /sq. ft.
<b>Rentable Area</b>	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
<b>Typical Floor Area</b>	East Tower - 20,500 square feet West Tower - 20,500 square feet Royal Bank Building - 12,400 square feet

# Brookfield

<b>Ceiling Heights</b>	Standard floor to ceiling height is: East Tower 8'6" West Tower 8'9" Royal Bank Building 8'6"
<b>Mullion Spacing</b>	10 feet
<b>Interior Column Spacing</b>	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.
<b>HEATING, VENTILATION AND AIR CONDITIONING</b>	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.
<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 located in the east and west mechanical rooms. Boilers are both gas fired low pressure steam and hot water types.
<b>Air Conditioning</b>	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.  Supplemental HVAC is available 24 hours a day.
<b>Standard Hours of HVAC Operation</b>	7:30 a.m. to 6:00 p.m. Monday through Friday
<b>ELECTRICITY</b>	
<b>General</b>	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.
<b>Electric Closet</b>	1 per floor
<b>Telephone Closet</b>	2 per floor

# Brookfield

## PASSENGER ELEVATORS

### Number of Elevators

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

### Elevator Capacity

3,500 lbs. depending on elevator bank

### Elevator Speed

700 - 1,400 FPM (ft. per minute), depending on bank - see above.

## SERVICE ELEVATORS

### Number of 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"

## BUILDING AMENITIES

- On-site management
- 24/7 building access and security
- Banking and ATM's
- Large retail component with many services and shops
- Three full service restaurants and one lounge.
- Postal outlet
- In-house porter service
- Large meeting rooms available
- Currency exchange
- Underground heated parking
- Hair styling salon and barber shop
- Health Club
- Wine Shop

# Brookfield

## GREEN AMENITIES

- Annual Earth Hour participant
- Annually reports emissions to the Carbon Disclosure Project
- Annually report to Global Real Estate Sustainability Benchmark (GRESB) survey
- Contributes to LEED® CI Certification in Tenant spaces
- FSC Certified paper products
- Membership in Green Calgary Association
- Sustainable Transportation Program with the City of Calgary