



A vibrant Chinatown, a 10-day rodeo festival, a traditional Little Italy section, an international film festival, an Expo Latino and a Greek festival are just a few of the reasons why Calgary in Canada's western province of Alberta is such a popular tourist destination.

# Calgary under glass

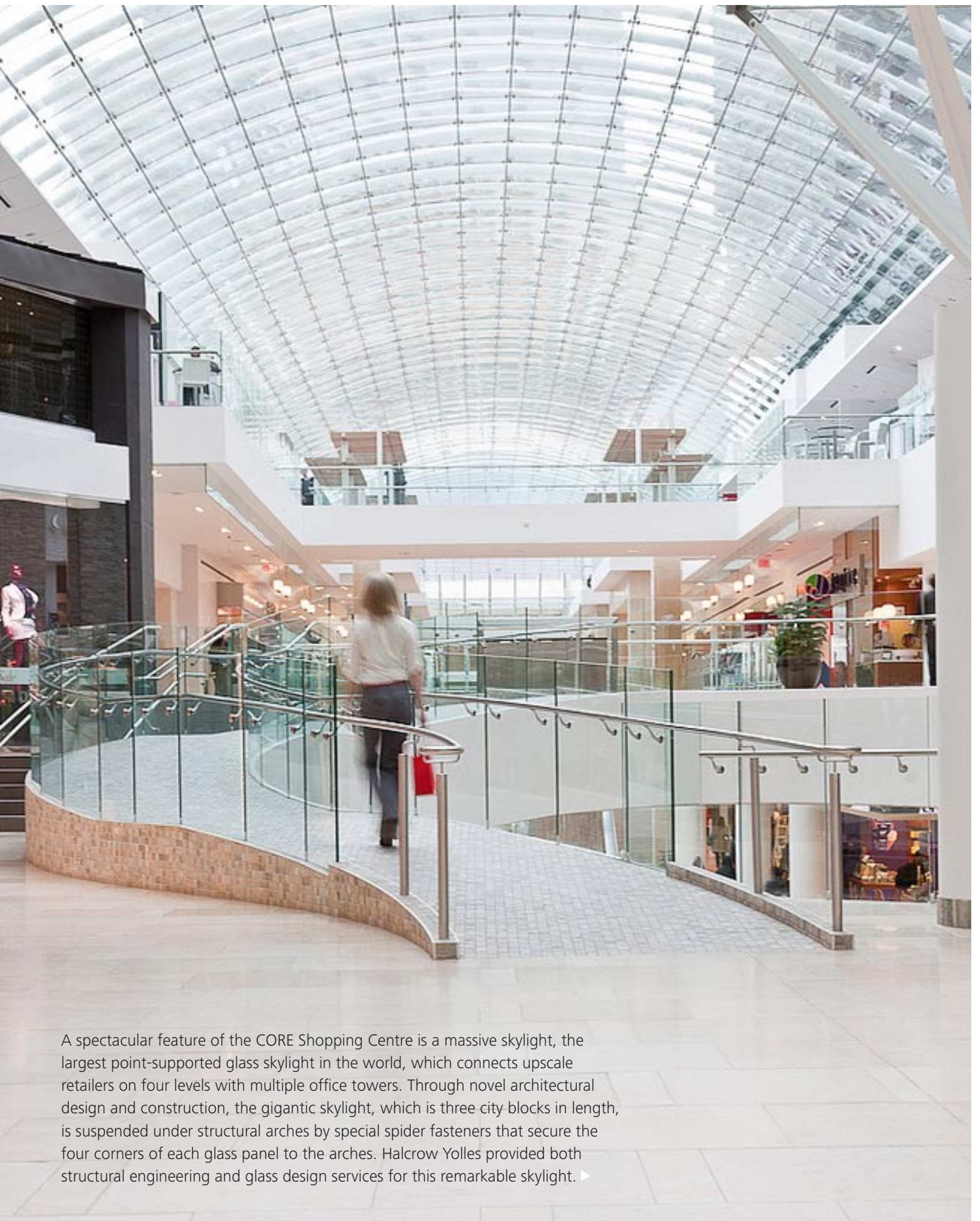
With a population of more than 1 million, Calgary is Canada's third-largest city, situated about 50 miles east of the Canadian Rockies. Because of its proximity to the mountains of western Canada, the popularity of the Calgary Stampede rodeo, and its reputation as the "Nashville of the North" in terms of country and western music, Calgary's multicultural diversity is sometimes overshadowed by a romanticized "Old West" characterization. But Calgary is also a bustling, cosmopolitan city offering a wide range of cultural attractions and a growing economy.



The Stephen Avenue pedestrian mall on the south side of the CORE is home to the landmark steel "Trees" sculpture designed to reduce wind gusts between the buildings.

## A center for commerce and more

The heart of Calgary's commercial district is called the CORE. It includes a shopping mall spanning three blocks that connects major office towers with more than 150 retailers. Originally developed in 1977 and known as TD Square, the expanded luxury complex has been renamed the CORE Shopping Centre and serves more than 250,000 pedestrians who travel through the district each week.



A spectacular feature of the CORE Shopping Centre is a massive skylight, the largest point-supported glass skylight in the world, which connects upscale retailers on four levels with multiple office towers. Through novel architectural design and construction, the gigantic skylight, which is three city blocks in length, is suspended under structural arches by special spider fasteners that secure the four corners of each glass panel to the arches. Halcrow Yolles provided both structural engineering and glass design services for this remarkable skylight. ▶

► The twin 30-story TD Home Tower and Dome Tower are parts of the CORE that offer a shopping experience with a distinctly urban accent. Schindler brought distinctive urban mobility to the CORE and now maintains 16 escalators and three elevators in the mall complex. Installing elevators and escalators in a mall that was in full operation during its expansion presented a challenge that was ably met by Schindler's innovative logistics and hoisting strategy. ■

Schindler escalators move passengers inside and outside the famous Harry Rosen men's store.



## CORE Fast Facts

|                      |  |
|----------------------|--|
| Original development | 1977 (as TD Square)  |
| Expansion begun      | 2009   |
| Completion           | Fall 2010  |
| Skylight             | 1,740 glass sections, 90 feet wide, 656 feet long;<br>95 arches suspend the glass sections |
| Parking              | 6,000+   |
| Food facilities      | Seat 900 patrons   |
| Retail floor area    | 600,000 square feet  |
| Retail stores        | 170  |
| Pedestrian traffic   | 250,000 weekly   |
| Schindler equipment  | 16 escalators, 3 elevators   |

Schindler escalators at the CORE conveniently move passengers between the second and third levels while providing excellent views of the skylight.

## Green to the CORE

Can a mall go green? The CORE has. The combined efforts of shoppers and retailers in reducing the use of foam cups and paper waste as well as adopting biodegradable bags and recycling practices have produced significant results:

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|-----------|--|
| Saved     | 2,780 trees, 1,151,783 gallons of water and<br>327 barrels of oil              |
| Prevented | 9,812 pounds of air pollutants   |
| Conserved | 670,841 kilowatt-hours of electricity and<br>491 cubic yards of landfill space |