

RJC engineers shape city skylines

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Bringing clients' visions to life through its expert knowledge of materials and impressive portfolio, Read Jones Christoffersen (RJC) is emerging as the largest independent Canadian-owned consulting engineering firm of its kind in the world. Structural design and restoration of buildings of all types and sizes, building envelope engineering and parking planning make up the core services of RJC. From these offerings, a number of areas of specialisation have emerged, attracting global attention.

RJC's visionary engineers designed some of the most extraordinary glass structures in North America such as the skylight of Calgary's Core Shopping Centre and the Ledge of Chicago's Willis Tower. The projects showcase the realisation of boundless architectural potential - structurally and aesthetically - that has made RJC an

industry leader in the structural glass and façade engineering field.

The firm is also a pioneer in design using engineered wood products. Collaborating closely with clients and universities, RJC is applying the latest breakthroughs in wood technology to its projects, including cross-laminated timber. These initiatives promote wood as a durable, attractive and less costly building material alternative.

Another speciality of RJC is engineering of high-rise buildings. RJC's engineers co-developed a distributed damping system called the Viscoelastic Coupling Damper system to reduce wind and earthquake effects on tall buildings. They are also sharing their knowledge of Canadian-style high-rise residential building design with firms in India.

"Whether designing a new building or restoring an existing one, we're always looking for the economical solution that best fits the needs and priorities of our clients," says Douglas Clark, managing director. "RJC strives for design excellence and innovative practices. In 2012, we were named one of the 'Top 5 Structural Engineers that Architects Most Want to Work With' by World Architecture 100, a survey of the world's biggest architecture practices."

With offices across Canada and projects located worldwide, including China, some of RJC's LEED-accredited engineers are also equipped with Putonghua-speaking skills to serve its clients better.

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