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CANADIAN CONSULTING
engineer

FOR IMMEDIATE RELEASE

RJC Engineers honoured during Canadian Consulting Engineering (CCE) Awards Virtual Celebration

(OTTAWA) October 29, 2020 – The work of Canadian consulting engineering firms was celebrated online Thursday night, as twenty projects were recognized for excellence during the 2020 Canadian Consulting Engineering (CCE) Awards virtual celebration. **RJC Engineers** received an **Award of Excellence** for their *GNW Pavilion* project in Vancouver, British Columbia.

Recognized as the industry's highest honours, the awards are presented to projects by Canadian firms that showcase the most remarkable engineering feats. “Though we may not have been able to celebrate in-person this year, these achievements and the incredible work of our members were recognized on a virtual stage” said ACEC President and CEO John Gamble. “Through their ingenuity and innovation, the work of consulting engineering companies connects communities, grows the economy, protects the public and improves sustainability. The impacts and benefits of their work are long-lasting, often immeasurable, and deserve to be celebrated.”

Digital modeling, precision cutting, fabrication technology innovation support architectural vision.



GNW Pavilion - Located between the Emily Carr University of Art + Design and PCI Developments' new office building, sits a lotus flower shaped pavilion. It is a unique community gathering place for arts students and the adjoined office building. To accommodate the complex shape **RJC Engineers** supported the development of a simple yet unique hybrid timber-steel structure with digital modelling working alongside Spearhead Inc. Creating the initial form to be both efficient and buildable while respecting the complex shape was a significant challenge.

Additional complexities included selecting materials to create the double curvature shapes of the petals and the design of a steel moment connection. To address the complex geometry, a shallow dome structure was incorporated into the lower roof structure. Through digital modelling that ensured the architectural requirements were met, and creative collaboration amongst the integrated project team, the project vision blossomed into reality. The complex design and geometry of this structure impressed the jury, who noted the innovative use of digital modeling and precision cutting and fabrication technology to support the architectural vision of the project.



“We appreciate the opportunity to be recognized for this project which demonstrates the unique things you can create with through a strong understanding in wood materials facilitated by digital fabrication,” said Grant Newfield, Principal, RJC Engineers.

About the firm

RJC Engineers - Specializing in structural engineering services, building science, structural restoration, structural glass and façade engineering and parking facility design and restoration, RJC Engineers is one of North America's leading engineering firms. We provide highly personalized service at the local level with the expertise, depth and resources of a large, national firm with locations across Canada. www.rjc.ca

Learn about all CCE Award winning projects

In November, follow ACEC's national and international award winning #20DaysOfExcellence in Engineering campaign on social media. Visit www.acec.ca/cceawards to view videos of the winning projects and to learn more about the impact of consulting engineering on our quality of life.

About CCE Awards co-sponsors

ACEC represents companies in Canada that provide professional engineering services to both public and private sector clients. These services include the planning, design and execution of all types of engineering projects, as well as providing independent advice and expertise in a wide range of engineering and engineering-related fields. For more information about ACEC and the 2020 Canadian Consulting Engineering Awards, please visit www.acec.ca.

Canadian Consulting Engineer is a privately-owned magazine for professional engineers working as consultants in the construction field. It is published by Annex Business Media. This year's award-winning projects are described in full in the October/November 2020 issue of *Canadian Consulting Engineer* at www.canadianconsultingengineer.com/digital-edition/

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Multimedia (photo, project description, video)

GNW Pavilion project [page](#) with video & [photo](#)

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