

FOR IMMEDIATE RELEASE

Morrison Hershfield 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. An **Award of Excellence** was presented to **Morrison Hershfield**'s Markham team for their *Building NX, Humber College* project located in Etobicoke, Ontario. This project was also honoured with an additional **Special Achievement Award**, the **Tree for Life Award**, for demonstrating outstanding environmental stewardship.

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."

Showcasing Canada's readiness to retrofit buildings to zero carbon and make a positive contribution to global climate change efforts.



Building NX, Humber College - A holistic deep energy retrofit has transformed Building NX at Humber College into one of the most energy efficient buildings in North America. It is the first existing building retrofit in Canada to achieve Zero Carbon Building-Design Certification from the Canada Green Building Council (CaGBC). The building is also expected to achieve EnerPHit Passive House certification – one of the most stringent energy efficiency standards in the world. The aging building suffered from a number of systematic building failures, such as air infiltration, water penetration, condensation and temperature fluctuations, resulting in a less than ideal indoor environment for building occupants.



Morrison Hershfield, in collaboration with Humber College and project partners, undertook a complete envelope retrofit, implemented energy efficient upgrades to heating, cooling and lighting systems and installed a new solar photovoltaic system. Passive design strategies for the building enclosure were maximized to significantly reduce the amount of heating and cooling required. Acute attention was paid to the air tightness and thermal continuity of the building envelope and robust testing and commissioning procedures were implemented



throughout construction. Design and procurement challenges were overcome through collaborative decision making, innovation and careful coordination and staging of work. Building NX project offers great insight to engineers, architects and facility owners, as it showcases Canada's readiness to retrofit buildings to zero carbon and make a positive contribution to global climate change efforts. Achieving net zero for an existing, leaky and drafty building stood out to the jury, who believe this project showcases the capacity of engineering at the forefront of making our old buildings sustainable.

"Building NX is the most energy efficient building that Morrison Hershfield has ever worked on. We are excited that it will be showcased across Canada as an example of how collaborative decision-making and innovative approaches make retrofitting to zero carbon possible – even for the most challenging projects," said Anthony Karakatsanis, P.Eng., President & CEO, Morrison Hershfield.

About the firm

Morrison Hershfield is a market leading, employee-owned engineering firm providing critical infrastructure to our communities. Anchored by exceptional technical expertise and high performing employees across North America, we apply innovative and sustainable design practices to develop solutions with a lasting positive impact. Our highly focused approach to the clients and markets we serve ensures that we deliver the value our clients demand. www.morrisonhershfield.com

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)

Building NX, Humber College project [page](#) with video & [photo](#)

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