



January Chapter VIRTUAL BREAKFAST Meeting

FUTURE-READY WHOLE BUILDING RETROFITS: FACADE AND CORE

Speakers:

Scott Armstrong and Hannah Thevapalan

When:

Tuesday, January 12, 2021

Time:

8:00 am to 9:30 am

Location:

Virtual via MS Teams

Buildings age, energy efficiency and carbon standards become more stringent, and our climate changes. Within this context, owners are looking for solutions that address both the skin and core of their buildings. Architects and consultants must provide holistic solutions that are beautiful, perform efficiently, and help buildings respond to a changing climate. Facade retrofits (re-cladding or over-cladding) often proceed in response to deteriorating cladding elements, inefficient envelopes (thermal, moisture, etc.), aged materials and/or a desire for a new aesthetic. These types of large-scale projects present unique opportunities to incorporate core (HVAC & electrical) upgrades that benefit from a renewed enclosure and deliver a more energy-efficient, comfortable building with a lower carbon profile.

This session will use case studies to analyze the renewal 'decision arc' We will highlight factors leading to and opportunities arising from large scale building renewal, including various retrofit strategies and their impact on energy and carbon reductions. This session will include information on the steps and processes used to move building renewal from

Chapter Events

September 15, 2020 - DINNER

Annual Chapter Meeting

October 13, 2020

Low Slope Metal Roofing, and Fire Issues with SBS

November 10, 2020 - LUNCH

Architectural Woodwork

January 12, 2021 - VIRTUAL BREAKFAST MEETING

**Future Ready Whole Building
Retrofits: Façade and Core**

February 9, 2021

Significant changes for Construction Law in Alberta, the Builders' Lien (Prompt Payment) Amendment Act, 2020

March 9, 2021

Filling the Gap: Who's responsible for flatness, the gap between Division 03 and 09

April 13, 2021

Joint meeting with ABEC & GAMA

May 2021

Annual chapter meeting

2020 - 2021 Chapter Executive

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an idea to implementation and will provide useful information to designers exploring opportunities in the building renewal market.

Our Speakers:

Scott Armstrong: Scott is passionate about buildings: their design and construction, ongoing performance, deterioration and failure, and, ultimately, their renewal. Scott has over 20 years' experience in high-performance buildings, building enclosures, facades, existing building repair and renewal, roofing and green roofs, and integrated design. A LEED Accredited Professional, past Secretary and Board member of the CaGBC Greater Toronto Chapter, a Building Science Specialist of Ontario (BSSO), and Certified Engineering Technologist (CET), Scott successfully bridges the traditional gap between Architectural and Engineering disciplines.

Hannah Thevapalan: Hannah has over 10 years of experience in building science consulting in North America, with exposure to a variety of commercial, institutional and residential projects. She is passionate about highly detail-oriented projects and enjoys being on-site working with both design and construction teams. Her educational background in both architecture and engineering provides her with a unique combination of tools to approach building restoration, renewal, and new construction. Her experience in New York City and Toronto include the World Trade Centre Memorial, Toronto College Park restoration, and 120 & 130 Adelaide St. W. (Re-Cladding).

If you have any questions please contact Dave Dagnall at david@specbossininc.com

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Member News and New Members
Sylvie Dzikewich, CTR


Welcome back, **Philip Parker**, Principal at RJC Engineers; pparker@rjc.ca

CSC Calgary recognizes and understands the challenges we are facing during the unprecedented and crazy times.

Our number one priority remains the same - serving as the voice of our members and providing value to our members.

As your renewal date approaches, and cash may be tight, CSC Calgary wants to help you. **Members who renew their membership prior to Jan 30th will have their name entered into a draw for one of four \$300 gift cards, courtesy of CSC Calgary.**

Please continue to support CSC and its mission to "**Educate, Communicate, and Collaborate**". Renew your membership online at www.csc-dcc.ca

Together we remain 

2023 CSC Annual Conference

The annual CSC conference will be held in Calgary in 2023!

Ideas for a theme? Send them to [Jonathon Greenland](#).

Want to get involved? Contact [Jonathon Greenland](#).

We will need volunteers for the following committees:

- Technical program
- Social program
- Companions program

It's a great way to get involved with the chapter, learn more about CSC, and have a lot of fun.

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