



Edmonton Chapter
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the edmonton Specifier

Construction Specifications Canada is an organization representing diverse interests in the construction industry and related professions. It is dedicated to improving the quality and flow of information between these interests, whether in the form of specifications, contract administration or marketing.

2013

DECEMBER MEETING

December 3, 2013
 Breakfast Meeting
 Canadian Wood Council
 7:00am – 8:30am

January 7, 2014
 Site Tour
 Clareview Recreation Centre

January 14, 2014
 TBD
 Fun Night

February 4, 2014
 Breakfast Meeting
 TBD

March 4, 2014
 TBD
 Edmonton/Calgary
 Joint Dinner Meeting

April, 2014
 INFONET
 Chateau Louis

May 6, 2014
 CSC Annual Chapter Meeting
 (ACM)
 Chateau Louis
 11:00am – 1:00pm

June 5, 2014
 CSC Annual Golf Tournament
 Legends Gold, Sherwood Park
 7:30am start

Date: Tuesday December 3, 2013
Location: Chateau Louis Conference Centre
 11727 Kingsway Avenue NW
Event: Breakfast Meeting
 Canadian Wood Council
 Innovations in Mass Timber Construction
Time: **Registration and Networking: 7:00 am**
Breakfast: 7:15 am
Tech Talk: 7:45 am
Cost: **\$25.00** (Members)
\$30.00 (Non-Members)

Information, questions, and sponsorship enquiries, contact:

Jeff Halashewski, JHalashewski@dialogdesign.ca
 Register at:
<http://cscedmonton.eventbrite.com>



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VISIT YOUR WEBSITE AT

<http://edmonton.csc-dcc.ca/>

Help us develop a website that meets your needs. Log into the "Want More Info" link online and let us know.

December Meeting

December 3, 2013

Innovations in Mass Timber

Construction

Canadian Wood Council



Edmonton Chapter Executive

Elected Members

Director	Darlene Helfrich	587 930-3432
Chairman	Skip Helfrich	780 777-5408
Vice-Chairman	Kevin Osborne	780 717-1007
Secretary	Richard Lucid	780 485-7612
Treasurer	Shaune Smith	780 914-4954

Officers

Architect	Linda Lipinski-Olson	780 497-3975
Association Liaison	Jozef Urban	780 916-3807
BIM & Sustainability	David Watson	780 758-4147
Education	Mike Ewaskiw	780 237-7844
Engineer	Geoff Richer	780 203-2449
Interior Design	Corry Bent	780 428-4000
Landscape	Rachel Curry	780 901-5353
Manufacturer/Supplier	Mike Lafontaine	780 907-4920
Marketing, Promotion and Infonet	Jon Chinn	780 299-2529
Membership	Donna DeVloo	780 984-5612
Newsletter	Tracey Stawnichy Neil Cochrane	780 994-3699 780 246-4618
Program	Jeff Halashewski	780-429-1580
Specifications	David Watson	780 758-4147
Trade Contractor	Frank Dudley	780 803-2658
Web Site Administrator	David Watson	780 758-4147
At Large	See Executive Listing	Pg. 13 - 14

Advertising Rates

SPECIFIER

Footer Business Card: \$50/issue
 Business Card: \$50/yr, random location
 Full Page: \$500 All Issues; \$100 per issue
 ½ Page \$250 All Issues; \$50 per issue
 1/4 Page \$125 All Issues; \$25 per issue

WEBSITE

Rates cover your ad on our website 24 hours per day, 7 days per week. Business cards on-line: Annual \$100
 Add \$50 to have a link to your company website from the CSC Edmonton Chapter web page.

Chapter Sponsor

Includes Business Card On-Line, 2 Tickets to 6 Dinner Meetings

Annual \$400 if received by May 1;
 \$300 if received by August 1;
 \$200 if received by November 1;
 \$100 if received by February 1

Student Sponsor

CSC Student Sponsorship pays for 1 ticket to 6 Dinner Meetings for a NAIT or University student.
 Annual \$175

Meeting Sponsor

\$50 for Individual (Personal) Sponsor
 \$100 for Corporate Sponsor

FOR FURTHER INFORMATION

Contact any member of the Executive Committee, attend one of our chapter meetings, or send your name and address to CSC Edmonton Chapter c/o #102, 13025 – St. Albert Trail, Edmonton, Alberta T5L 5G2.

GOALS OF CSC

Construction Specifications Canada is a multidisciplinary, non-profit association dedicated to the improvement of communication, contract documentation, and technical information in the Construction Industry. CSC is a National association with chapters in most major Canadian cities.

To this end, CSC pursues the study of systems and procedures that will improve the coordination and dissemination of information relevant to the construction process.

We seek to enhance the quality of the design and management aspects of the construction activity through programs of publication, education and professional development, believing that by so doing, we can contribute best to the efficiency and effectiveness of the construction industry as a whole.

OBJECTIVES OF CSC

To foster the interest of those who are engaged in or who are affected by the compilation, or use any form of specifications for the construction industry.

To publish literature that pertains to the construction industry.

To engage in activities that improve procedures and techniques related to the construction industry.

The opinions and comments expressed by the authors do not necessarily reflect the official views of Construction Specifications Canada. Also, the appearance of advertisements and new product or service information does not constitute an endorsement of those featured products or services.

ABOUT CSC

Our Mission

CSC (Construction Specifications Canada) is a national multi-disciplinary, non-profit association with chapters across Canada. CSC is committed to ongoing development and delivery of quality education programs, publications, and services for the betterment of the construction community.

To this end, CSC pursues the study of systems and procedures which will improve the coordination and dissemination of documentation relevant to the construction process.

CSC seeks to enhance the quality of the design and management aspects of construction activity through programs of publication, education, professional development, and certification, believing that in so doing it can best contribute to the efficiency and effectiveness of the industry as a whole.

Our Vision

That Construction Specifications Canada is the construction community's first choice for quality documentation, education and networking.

Our Values & Core Beliefs

Quality, Professionalism, Teamwork, Integrity, Openness, & Innovation.

Objectives

To foster the interest of those who are engaged in or who are affected by the compilation or use any forms of specifications for the construction industry.

To publish literature pertaining to the construction industry.

To engage in activities to improve procedures and techniques related to the construction industry.

the need for and value of Construction Specifications Canada is greater than ever. CSC brings together individuals from all segments of the construction industry. All who have a vested interest in Canada's largest industry are invited to join CSC. When you join CSC you become part of the only association that brings together professionals from all aspects of the construction industry.

DESIGN TEAM

CSC offers members of the Design Team the opportunity to meet with other members and exchange information. It also affords you the chance to help improve technology and its management, and the means to improve ways in which your ideals are translated into clear, concise and complete documentation.

BUILDING TEAM

If you are a member of the Building Team, Construction Specifications Canada offers you the opportunity to become involved in formulating specifications. Your valuable input into the programs can help generate time and cost savings as well as improve performance.

SUPPLY TEAM

The multi-disciplinary composition of CSC allows members of the Supply Team to meet with other members of the construction team. CSC programs in data filing and information retrieval are geared to present convenient and concise information on your products for proper evaluation and specification.

THE STUDENT

If you are a student of architecture, engineering or construction technology, CSC will provide you with greater exposure to and a better understanding of the Construction Industry, giving you an excellent opportunity if you plan a career in the construction field.

Contact Donna DeVloo for membership information.



Donna DeVloo
P: 780-984-5612
E: ddevloo@bibliotecainc.com

MEMBERSHIP IN CSC

In the construction industry's fast-paced environment,

CSC FACEBOOK

Visit: <http://www.facebook.com/pages/CSC-Construction-Specifications-Canada>



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Message from the President:



Mike Garlinski

Dear CSC Member:

Canada's Not-for-Profit Corporations Act (NFPC) came into force on October 17, 2011 and all federally incorporated organizations have until October 17, 2014 to comply with the Act. This new Act, which is designed to increase transparency and accountability and provide organizations with more modern governance principles, also confers certain rights to members similar to those enjoyed by shareholders of for-profit corporations.

It is important to note that the Act is comprehensive: its rules for the governance of not-for-profit organizations will replace the extensive, often complex range of by-laws many organizations have developed, revised, amended and relied upon since their inception. In fact, many of those areas previously addressed in an organization's by-laws are now defined within the Act, and certain by-laws, or parts thereof, should be eliminated entirely as the Act takes precedence.

The new Act does not apply automatically. Organizations must amend their by-laws and create Articles of Continuance to obtain a Certificate of Continuance. Once an organization has created the documents they must be approved by members and filed with Industry Canada within 12 months of receiving approval. An organization's new bylaws do not come into effect until Industry Canada has issued a Certificate of Continuance.

CSC's By-Laws Review Process:

In March 2012 a committee consisting of Peter Emmett, CCCA, George Heath, FCSC, John Jensen, FCSC, Sandro Ubaldino, FCSC, RSW, CSI, Nick Franjic, CAE, and Peter Hiebert, CTR joined the committee in June 2013, was struck to review the impact of the new NFP Act on the CSC Administration Manual, in particular the By-Laws and Directives. The committee has developed

a set of By-laws that incorporate many of the existing By-Laws and incorporated some new By-laws.

The CSC Board of Directors reviewed the proposed By-laws and Articles of Continuance at its October 20, 2013 Board meeting and recommended a few minor changes. Subsequent to the changes being incorporated into the proposed By-laws, the Board approved the attached Articles of Continuance and By-laws to be posted on the CSC website for member information and review.

Member Feedback requested by Thursday December 12, 2013:

Members are encouraged to submit their comments to Nick Franjic, CAE, Executive Director by Thursday December 12, 2013. He can be reached at nfranjic@csc-dcc.ca or 416-777-2198 or by fax at 416-777-2197.

Letter to Members Nov 15, 2013 Articles of Continuance By-laws Draft Nov 11, 2013

The Committee will consider member suggestions for improvements to the draft documents and liaise with the Board. CSC will then advise members should any such changes be made.

On behalf of Board, thank you for your time and attention in this matter.

Chair's Message:

Skip Helfrich



Skip.Helfrich@desco.cc

Hi fellow CSC members.

With the impressive snow fall this past month and the coming holiday season, I hope you are all trying to make the most of our winter wonderland. While the construction industry as a whole dreads the difficulties associated with the winter season, I am always amazed at how we manage to just keep rolling along. It is an integral part of the Edmonton spirit. That "git 'er done" fortitude leads to a collaboration of all aspects of the industry, from design-to planning-to execution, on so many different levels, with people from all trades and disciplines. The most remarkable collaboration that I



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have ever experienced is now underway in our city with the iHuman "All In" Edmonton campaign to create a new 22,000 sq. ft. facility out of a downtown warehouse. With the single minded goal of giving youth at risk a chance to become a vital part of our community, this organization has pulled together 4 major general contractors, engineering, and architecture firms, along with numerous trade contractors, suppliers, and people from all walks of life. The premise is unlike anything I have experienced before, and the benefits are incredible. This model for assisting our youth is so powerful, that I can easily see it being incorporated to effect change in many different organizations on a worldwide basis. The presentation by iHuman at our last tech talk proved to me that this is truly the best city with the most incredible people, willing to do what many would call impossible, even if we have to shovel 3 feet of snow to get it done. My hat is off to everybody that supports the iHuman movement and my wishes for a Merry Christmas to you all.

Director's Forum Highlights

Darlene Helfrich



- Smaller Chapter's are encouraged to partner with other associations.
- Keeping Chapter Websites Updated
- Director Report on time issues
- Various forms of record retention were discussed
- Specification writers do not require liability insurance; they are indemnified under the Architect's Errors & Omissions insurance (article to follow)
- CSC tradeshow and participation in various other tradeshow
- Attracting new members and new member participation
- A CSC logo (that meets guidelines) will be provided for ALL members to use in email, signatures, etc.
- Membership drive competition
- Call for volunteers
- Encourage all members to read other chapter newsletters (on website)

I AM CSC

Ernest V. Larocque



Present Industry Position:

Project Manager, Strathcona County
Facility Capital Projects, Facility Services

Company:

Strathcona County

Why I Joined CSC:

Besides needing to join up in order to take the CCCA course and get my certification I thought it would be good to have industry contacts and support from the specifications writing world.

Also I have attended many of the CSC sponsored events in the past I wanted to contribute back.

CSC Experience:

So far my experience with CSC has been centered around professional development. I just completed the Principles of Construction Documentation Course and found it to be quite informative. I'm waiting patiently for the results of our exam from November 12th.

What CSC Has Done For Me:

CSC has offered me the opportunity to develop as a professional and as a Construction Engineering Technologist and Project Manager. I think the certification you offer for Construction Contract Administration will only add to my level of understanding of this great industry.

Industry Experience:

Since graduating from NAIT 27 years ago I have been involved in the construction industry as a Construction Engineering Technologist doing estimating and project management with several local Edmonton general contractors. I made the switch to working for owners in 2009 and currently am employed with Strathcona County managing projects from conception to project close-out.

Contact Email:

ernest.larocque@strathcona.ca



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CSC EDUCATION

Mike Ewaskiw



Mike Ewaskiw, CTR
P: 780.237.7844
E: mewaskiw@stoncor.com

[Principles of Construction Documentation](#)

The PCD course is an introductory course that will enable the student to have a better understanding of construction documentation (specifications, drawings and schedules), products, bidding procedures and contracts. **It is also a prerequisite to all the other CSC education courses.**

[Specifier 1](#)

The Specifier 1 course is an intermediate level course that will take the individual beyond the concepts previously introduced in the PCD Course. Although some of the same topics are included in this course, the depth of comprehension and explanation exceed that of the PCD course. The Specifier 1 course is a prerequisite for the [Certified Specification Practitioner \(CSP\)](#) designation from CSC. Successful completion of the course may be credited toward the experience component requirements for the Registered Specification Writer (RSW) designation.

[Technical Representative](#)

The TR course will provide a better understanding of contract documents and bidding procedures, product representation, professionalism, and ethics, and will provide a new depth of understanding and explanation of concepts beyond what was previously introduced in the PCD course. The course is designed for the individual involved in the supply section of the construction industry such as manufacturer representatives, agents or distributors of products. The student will have successfully completed the PCD course.

Contact Mike for all of your education needs.

EDUCATION COURSES

Upcoming Classes:

Specifier 1 – January 2014
Monday nights, 6:00 – 9:00 pm (12 weeks)
Place: TBD

Upcoming Classes Online:

Principles of Construction Documentation (PCD) –
January 13, 2014 (now open for registration)

Specifier 1 –
January 13, 2014 (now open for registration)

Technical Representative –
January 13, 2014 (now open for registration)

CSC Course Maintenance

After years of considering how to maintain its educational courses and with this initiative as a catalyst, CSC is pleased to announce that it has introduced a defined process for review and update of all educational course material. Recognizing both the importance and the urgency, the CSC Board of Directors has established the Education Maintenance Task Team (EMTT). The inaugural volunteer members of the EMTT are Mitch Brooks, FCSC; Brian Colgan, FCSC, RSW; Tom Dunbar, FCSC, RSW; (Committee – Chair); and David Wilson, FCSC, RSW. An ongoing committee, these members will serve a 3-year term (of which 2 in this group will serve up to 4 to prevent total committee replacement in the same year); providing both consistency, as well as a strong foundation of knowledge and experience for us to draw upon. The EMTT has been tasked with making the course material more consistent, bringing all of the courses up to the same standard, ensuring consistency of language and terminology; and establishing a regular review, update, and maintenance regime.

PEOPLE AND PLACES

[Fresh Faces \(New Members\)](#)

Mr. Ernest Larocque

Project Manager
Strathcona County Facility Capital Projects, Facility



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Services

2001 Sherwood Drive
 Sherwood Park, Alberta T8A 3W7
 Tel: 780-400-2000
 Fax: 780-464-8404
 Email: ernest.larocque@strathcona.ca
 Website: www.strathcona.ca

Yes, We've Moved (Contact/Mailing Address Update)**Mrs. Darlene Helfrich, CTR**

Architectural Sales Manager – Midwest Canada
 CertainTeed Ceilings
 9504 – 124A Avenue
 Edmonton, Alberta T5G 0W3
 Tel: 587-930-3432
 Fax: 855-305-0634
 Email: Darlene.helfrich@saint-gobain.com
 Website: www.certainteed.com

Mr. Shaune Smith, CCCA

Contract Administrator / Specifications
 Arndt Tkalcic Bengert Architecture
 1848 Towne Centre Blvd
 Edmonton, Alberta T6R 3A2
 Tel: 780-489-7147
 Fax: N/A
 Email: scsmith@caisnet.com
 Website: www.archatb.com

Previous Members Re-Joining / Re-Activated

None.

INDUSTRY NEWS AND EVENTS**Dates To Remember****December 4-6, 2013**

Construct Canada
 Metro Toronto Convention Centre South Building
 Toronto, ON
www.constructcanada.com

December 10-11, 2013

Aboriginal Oil and Gas Forum
 The Fairmont Hotel Macdonald
 Edmonton, AB
www.insightinfo.com

January 6-10, 2014

Building Innovation 2014
 Washington Marriott at Wardman Park
 Washington, D.C.
www.nibs.org

February 19 & 20, 2013

Vancouver BuildEx
 Vancouver Convention Centre West
 Vancouver, BC
www.buildexvancouver.com

March 18 & 19, 2014

Edmonton BuildEx
 Edmonton Expo Centre, Northlands
 Edmonton, AB
www.buildexedmonton.com

May 6, 2014

CaGBC Alberta Chapter Sustainable Building
 Symposium
 BMO Centre, Stampede Park
 Calgary, AB
www.asbs2014.ca

June 2-4, 2014

CaGBC National Conference
 Building Lasting Change
 Toronto, ON
www.cagbc.org

**DON'T MISS OUT! BUILDING
 LASTING CHANGE 2014: CALL
 FOR PAPERS TO CLOSE ON
 DECEMBER 2**

Building Lasting Change 2014 (formerly known as the CaGBC's annual National Conference and Expo) will be held in Toronto from June 2-4 and will examine the value created by sustainable building, real estate and neighborhood development. This year's program will address new information on the business case and performance of green buildings, but also embrace the broader value proposition of building green. Going beyond the operational savings, the focus will be on emerging benefits that are now becoming better understood such as enhanced health and well-being, tenant attraction and retention, innovation and job growth with linkages to enhancing corporate social

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responsibility, shareholder value, environmental quality, livability and international trade.

The Conference committee will develop streams drawn from the best submissions we receive in the below seven focus areas.

1. Net Positive Buildings
2. Green Commercial Real Estate
3. Transformative Power of LEED
4. Green Building Policy
5. District Scale Development
6. Growing the Green Building Sector
7. Emerging Health Benefits

The Call for Papers closes December 2, 2013. For a complete description of these key areas of focus and to begin your application process, please visit our Conference Program and Education webpage.

Now Accepting CaGBC Leadership Award Nominations. National, Chapter and EGB members of the CaGBC are encouraged to submit nominations for the 2014 CaGBC Leadership Awards which will be presented on June 3 at Building Lasting Change in Toronto. Using our easy, online nomination system members can put forward the most deserving candidates from across the country. The Call for Nominations closes January 6, 2014. To find out more about the Leadership Awards, categories and criteria or to submit a nomination, please visit our website. If you have any questions, please contact Jane Eaton, Conference and Events Coordinator at jeaton@cagbc.org

We Missed You At Dinner



Neil Cochrane, CSC Edmonton Chapter, Newsletter

On November 12th, 2013 members of the Edmonton CSC chapter and guests were privileged to attend a presentation and tour of the future home of the iHuman Youth Society. iHuman works with traumatized youth leading high-risk lifestyles and helps them to reintegrate into the community through social support, engagement, and outreach programs involving crisis intervention, arts mentorship, and life skills development. The renovation

of this 22,000sq.f space will give iHuman a permanent home to deliver their essential services and establish an expanded capacity to serve their clientele. This new home will encompass: studio space; education and tutor/study space; flex areas for dance and physical performances; a kitchen for nutritional programs; clinical space; exhibit space for iHuman clientele; community garden; shelter for high-risk youths and their children; revenue generating space for rent to other agencies and for-profit groups.

The space is more than a simple place for iHuman to do their humanitarian work, or even a shining example of urban renewal, it will be a showpiece for good work that hopefully will branch out beyond Edmonton and hopefully beyond Canada. In addition, the renovation itself is being done in a unique way for a non-profit group. It was likened to an "old fashioned barn raising" by Steven Csorba (a local artist and volunteer with iHuman) whereby many experts in their field donate time, material, and personnel and work collaboratively with other companies that normally are the competition on jobs to make this amazing project a success.

For further information please contact:
Sandra Bromley, Co-Founder iHuman
(p) 780-421-8811 or (d) 780-433-5086;

sbromley@shaw.ca

Steven Csorba

(c) 780-966-6010 or (h) 780-437-7129;

steven@goprintgo.com

www.ihumanyouthsociety.org

For iHuman operations and corporate sponsorship programs, please contact:

Catherine Broomfield, Executive Director

(p) 780-421-8811 or (c) 780-920-1517;

catherine@ihuman.org

Please check out this CTV link for news.

<http://bit.ly/HHk9GC>



Jim Ebbels, Steven Csorba, Skip Helfrich, Sandra Bromley, Jeff Halashewski



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Leading the Industry in Ecological Transparency with HPDs

(Provided by Darlene Helfrich, IDT, CTR, CertainTeed Ceilings)



CertainTeed Ceilings continues its commitment to ecological transparency by introducing the industry's first Health Product Declarations (HPDs). Teaming up with the Health Product Declaration Collaborative™, CertainTeed Ceilings has developed HPDs to further provide a vehicle for transparency.

The HPD Collaborative is a collaboration of organizations, corporations, and companies intent on changing the impact that manufacturing and construction have on our environment and health. The HPD is an open standard, through which manufacturers report what makes up their products and any hazards that consumers need to be made aware. This is another step towards sharing our claims, and showing consumers and end-users that CertainTeed Ceilings is taking the necessary steps to improve the environment and overall health.

EPDs and HPDs Cover Broad Range

Currently, CertainTeed Ceilings has 5 Environmental Product Declarations (EPDs) encompassing 21 different ceiling panels. Our documentation for EPDs and HPDs can be found on the CertainTeed Ceilings website. Transparency briefs, which are condensed versions of the EPDs, and allow for easier readability, are also available at www.certainteed.com/ceilings.

Customers Rewarded for Use of HPDs

The new additions to LEED v4 require access to manufacturer information that is simplified by the transparency demonstrated in the HPDs and EPDs. One of the new LEED v4 credits, MR Credit: Building Product Disclosure and Optimization – Material Ingredients, rewards designers and builders for choosing products that have Health Product Declarations. The MR Credit: Building Product Disclosure and Optimization –

Environmental Product Declarations rewards designers and builders for selecting products from specific manufacturers who have third-party verified, product-specific EPDs.

For assistance in attaining these credits or questions about our EPDs and HPDs contact your CertainTeed Ceilings Architectural Sales Manager.

Darlene Helfrich, IDT CTR, Darlene.helfrich@saint-gobain.com, 587.930-3432

The Health Product Declaration™ and logo is owned by the Health Product Declaration Collaborative™ and is used with permission.

LEGAL MATTERS

More About Competitive Bidding

By Bill Preston

Sourced from: <http://www.rslaw.com/resources/articles-and-research/2013/10/more-about-competitive-bidding-2013/f>

It appears that Olympic Construction Ltd. and Eastern Regional Health Authority have had irreconcilable differences! After 4 years, they spent 5 days in court scrapping over 2 separate project bid awards to learn that each had a win and a loss. For our purposes, the Newfoundland trial judge's comments gives some light on what an owner can and ought to do in the legal jungle of fair, equal and compliant bid evaluations.

Caribou Extensions (D.V.A.) Project

Veterans Affairs in its 2007 fiscal year budgeted \$3M for a grant to cover both consulting and construction, while the Eastern Region had no more than \$300,000.00 to add toward the project. At the May 17/07 bid opening, 7 bids were opened. The low bid was \$2.46M + HST, while Olympic's bid was \$3.003M + HST. The problem: all bidders except Olympic were non-compliant because they had messed up their providing a Consent of Surety letter. It wasn't possible to fit Olympic's bid price into the budgeted \$3.3M which the grants could support. What to do?

Eastern Region decided not to go begging to Veterans Affairs, nor the Region's Board for more grant money; the capital procurement people felt that such a plea would be futile. Rather, because the non-compliant bidders supported their early construction budget of between \$2.46M and \$2.68M, they used the usual privilege clause (e.g. "Owner reserves right to accept or reject any or all offers") in its invitation to cancel the bid process and promptly retender the same work (no scope



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changes) to all 7 bidders as well as the public at large. As a result, in August the project was awarded to Redwood's compliant bid of \$2.46M. Olympic didn't bid to the second Bid Invitation, rather it sued for damages of \$170,020.32 (note: even paying these damages the Eastern Region saved money by not accepting Olympic's bid), arguing that cancelling the first bid process was wrongful because:

- it was contrary to the fair and open requirements of the Public Tender Act;
- it could be considered bad faith and unfair;
- bid shopping the first bids

The judge approved the Region Health's process by reasoning:

1. The Board is entitled to not award any contract;
2. The Board is under no legal obligation to pay more than it could afford;
3. There is no evidence that the Health Board cancelled the first bid process "in bad faith";
4. There was no evidence that either Veteran's Affairs or the Board had more money for the project;
5. The non-compliant bids demonstrated that the Board's initial construction budget of \$2.46M to \$2.68M was reasonable.

Janeway Hospital Extension

In 2009 the Eastern Health Region had budgeted for a \$7 M Gynecology extension to the Janeway Hospital. Again, Olympic sued, claiming that its bid was the lowest compliant bid but it did not get the project. The Region admitted that it would have preferred to award to Olympic, but concluded that a strict interpretation of the Invitation to Bid mandating attendance at a June 11th site meeting required that the Region reject Olympic's low bid because Olympic had not attended this meeting. Sounds simple, right? Wrong!

These facts persuaded the Court that the Invitation was ambiguous:

- May 25th: AMEC issued Bid Documents;
- June 2nd: Addendum #1;
 - Bid closing June 18th
 - Mandatory site meeting June 11th
 - Will not accept Tenders from Contractors failing to attend site meeting
- June 11th: only Redwood attended the site meeting;
- June 11th – 18th: AMEC and the Board wanted more bidders to increase competition;
- June 18th: Addendum #5
 - Closing date extended to June 25th;
 - Site meeting on June 22nd
- June 19th: Addendum #6
 - Closing date extended to June 29th;

- June 22nd: each of Olympic and Redwood attending site meeting
- June 28th: Redwood had made no complaint about the 2nd site meeting
- June 29th: both Redwood and Olympia tendered compliant bids; Olympic's bid was low by \$20,000.00.
- June 30th: AMEC recommended that Olympic be awarded the project;
- June 30th: Redwood wrote a letter to the Region arguing that the Region had to reject Olympic's bid because Olympic had not attended the June 11th meeting;
- July 28th: the Region disqualified Olympic's bid because it had not attended the June 11th meeting. Olympic sued for \$684,712.71 of lost profit.

This time, the Court was on Olympic's side and awarded it this lost profit plus legal costs. Its rationale was:

1. No bids had been opened when the tenders were issued and thus Court's role is to interpret the owner's offer when the bidders submitted their bid to the June 29th closing;
2. Addendum #5 would have been clear if it had used the words that a bidder could meet the requirements of Addendum #1 by attending the June 22nd meeting;
3. But this wording isn't in Addendum #5, thus the Court must search the words of the Invitation to try find a purpose for the June 22nd meeting;
4. There is no other purpose but to provide a bidder with the opportunity to qualify to bid the project;
5. The Board's intent for the June 22nd meeting was to attract more bidders;
6. The 2nd meeting did not prejudice Redwood because its bid had not been opened;
7. Redwood stood silent throughout the 2nd meeting and the extensions to the closing; and
8. Thus, the reasonable interpretation of these provisions of the Invitation is that, if a bidder attended one of the site meetings, then their bid could be accepted.

Smarter Buildings

(Sourced from <http://www.buildingandconstruction-canada.com/index.php/sections/columns/1/543-smarter-buildings/>)

We Canadians love to blame our cars or the energy sector for the continued rise in greenhouse gas emissions and our associated "D" ranking for these emissions per capita worldwide. Yet, there's another



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culprit that surrounds us every single day and is forecast to be the largest emitter of greenhouse gases on the planet within 15 short years: our buildings.

These buildings, whether they are bases, campuses, industrial complexes, airports, schools or museums, currently account for 42 percent of the world's energy use. If worldwide energy use trends continue, buildings will also become the largest consumer of global energy by 2025, which is more than the transportation and industrial sectors combined.

Today, the physical infrastructure of everything from casinos to classroom campuses is both vast and complex. The good news is that no matter what type of building, there is a tremendous volume of "big data" available from their physical infrastructure to provide insights.

By analyzing and better "listening" to building data, we have the ability to create smarter buildings that combine energy, operations and space management advancements to help lower energy costs, improve operating efficiency, ensure occupant safety and satisfaction, provide higher and better utilization and improve revenue performance. It is estimated that these smarter buildings can help organizations reduce energy consumption and carbon dioxide (CO2) emissions by approximately 40 percent, water use by 30 percent and building maintenance costs by up to 30 percent.

In the past, building owners knew little more about their power and water use than what was available within the pages of their utility bills. Smart meters and related energy management systems are beginning to change all that, delivering more information in near real time.

This creates more transparency, helping building owners and tenants alike discover where savings can be had fastest, at the lowest cost. Analytics software, for example, can process large volumes of data from smart meters and identify vastly different savings opportunities: whether escalators are running when they shouldn't be; or if electric motors are overloaded, and require service; or even to simply suggest behavioral changes that can save dollars, such as altering air conditioning or heating settings at night.

Reducing Time, Money and Energy

The use of mobile technology for real-time data capture and associated action is also emerging as an integral

part of a smarter buildings approach. Consider this: The Los Angeles School District is the second-largest school district in the United States with a goal to become greener and more sustainable. This is no small feat for a school system with approximately 800 campuses and 14,000 buildings. With the crowd-sourcing efforts of students and staff, the school district is using smart-phones to pinpoint challenges and accelerate problem resolution across its facilities.

Students and staff become human "sensors" by simply sending text messages and photos whenever they see maintenance issues such as leaky faucets, graffiti or broken toilets. All issues that come from mobile applications go to a database to be reviewed, and once the service call is validated it is routed to staff.

This application allows LAUSD to leverage the collective knowledge of people on campus and reduce the lead time for service calls. Prior to this crowd-sourcing app, LAUSD relied on faculty and staff to report maintenance issues with the campus plant manager, requiring the manager to decipher and pinpoint each issue before the appropriate personnel was sent to solve the problem.

Now, mobile reports are submitted directly to the service desk. This process has allowed the school district to significantly reduce the time, money and energy they are spending on locating and reporting problems. Consequently, they are able to fix challenges across the campus more quickly.

By taking advantage of the growing connectivity of the population and utilizing the building and facilities data collected by people, LAUSD is creating a smarter, more efficient school district.

Organizations interested in adopting a smarter buildings approach can also align with the growing efficiency programs sponsored by utilities, by making more efficient use of what's inside their buildings, too. Shifting the work among computers and using modern infrastructure can realize significant energy savings.

For example, last year IBM's Ottawa lab site conducted a computer virtualization project using modern machines. The team consolidated 400 aged, legacy systems into eight. What once covered the span of a football field now takes up the same amount of space as a refrigerator. Surplus space has been turned into collaborative meeting areas and additional workspaces for employees. This initiative earned the team a Hydro



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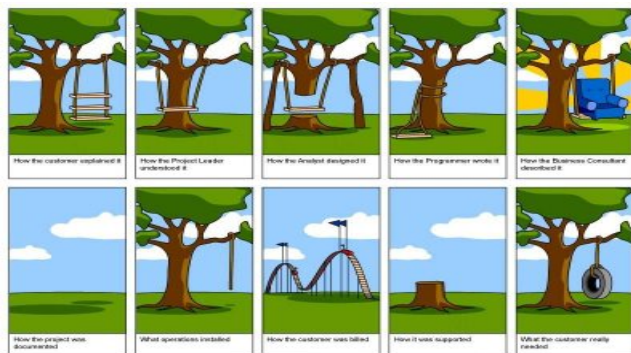
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Ottawa RetroFit Program award and saved more than \$75,000 and 802,812 kWh over a 12-month period – or enough energy to power a small neighborhood.

Like the average consumable product, a building has a life cycle that needs to be managed comprehensively, coordinating all aspects from design to demolition. By effectively capturing relevant data, understanding it and using it in new ways, elements of a building including temperature, electricity, ventilation, water, waste management, telecommunications, IT systems and physical security can now be integrated for better management and control. Since energy typically accounts for 30 percent of a building's annual costs, savings through sustainability can have a big impact on a company's bottom line.

Through these kinds of approaches, leaders are starting to create a future where buildings are living organisms, automatically monitoring the infrastructure that makes them hum – heat, water, sewage and electricity – and even suggesting changes that can be made to conserve resources and cut CO2 emissions. These systems will be able to pinpoint potential problems, such as a weakness in a water main, to prevent emergencies before they occur. They will let consumers and companies see their energy consumption and carbon emissions in real time so they can take action to reduce them.

The realities of the 21st century include scarcer resources, climate change and rising energy costs. Whether a building is in Vancouver, Halifax, Toronto or Iqaluit, making better sense of its data and integrating systems will be essential to ensure efficiency, sustainability and conservation to maintain the quality of life we all desire. At the end of the day, we have the same opportunity to better listen and improve to realize a more sustainable approach for the future.



Sustainable Forestry Initiative® and Scouts Canada Form Unique Partnership to Promote Environmental Stewardship

(Sourced from http://www.constructionlinks.ca/story/299922/230/Sustainable_Forestry_Initiative_®_and_Scouts_Canada_Form_Unique_Partnership_to_Promote_Environmental_Stewardship.html)

The Sustainable Forestry Initiative® (SFI®) and Scouts Canada have announced a new partnership aimed at strengthening and expanding their mutual goals for environmental stewardship. At the Scouts Canada Annual General Meeting in Calgary, Alberta, SFI and Scouts Canada signed a Memorandum of Mutual Support to work more closely and coordinate activities.

'Scouts Canada is a national leader in developing lifelong values and conservation ethics among youth in Canada so it's a natural fit for us to work together to improve the environment and our communities,' says Kathy Abusow, SFI President and CEO. 'This builds on our relationship with Scouts Canada, teaching youth about sustainable forestry, environmental conservation, and using natural resources wisely - of course, all while having fun.'

'Scouts Canada is proud to partner with SFI,' says Andrew Price, Scouts Canada Chief Commissioner and Chair of the Board of Governors. 'One of our organization's main pillars is environmental stewardship; educating our youth about sustainable forestry clearly complements this focus. Since 1978, Scouts Canada's youth have planted more than 80 million trees nationwide. Our work with SFI will support both our current and ongoing environmental program initiatives.'

SFI and Scouts Canada will continue to team up on various projects that are in the works throughout 2014. SFI's most recent support of Scouts Canada includes the 2012 ADventure event, where Scouts participated in a joint SFI and First Nation's tree planting ceremony to promote future healthy forests and give thanks to the local forest land. Additionally, Scouts used lumber certified to the SFI Standard to construct obstacle courses in an effort to increase their awareness about certified wood products and sustainably managed forests. SFI and the SFI Western Implementation Committee also recently sponsored the Canadian Scout Jamboree (CJ'13) by providing certified lumber for



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kitchen shelters and 100 certified custom engraved cedar paddles for canoeing activities.

About Sustainable Forestry Initiative (Canada) SFI Inc. is an independent, non-profit organization that is solely responsible for maintaining, overseeing and improving the internationally recognized Sustainable Forestry Initiative® (SFI®) program. Across Canada and the United States, more than 80 million hectares (more than 200 million acres) are certified to the SFI forest management standard. In addition, the SFI program's unique fiber sourcing requirements promote responsible forest management on all suppliers' lands. SFI chain-of-custody (COC) certification tracks the percentage of fiber from certified forests, certified sourcing and post-consumer recycled content. SFI on-product labels identify both certified sourcing and COC claims to help consumers make responsible purchasing decisions. SFI Inc. is governed by a three-chamber board of directors representing environmental, social and economic sectors equally. Learn more at <http://www.sfiprogram.org/> and <http://sfiprogram.org/BuySFI>.

About Scouts Canada

Scouts Canada, the country's leading youth organization, has more than 100,000 members nationwide representing every faith and culture. Scouts Canada groups offer programming in a variety of languages, reflecting Canada's multicultural landscape and communities. Kids in Scouts have fun adventures discovering new things and experiences they wouldn't discover elsewhere. Along the way, they develop into capable, confident and well-rounded individuals, better prepared for success in the world. For tens of thousands of children and youth across Canada, Scouts is the start of something great. For more information visit Scouts.ca.

Scouts Canada is a not-for-profit organization (Charitable Registration No. 10776 1694 RR0028) and a member of the World Organization of the Scout Movement.

ASSOCIATION LINKS

Important URL Links

- **Alberta Construction Safety Association (ACSA)**
www.acsa-safety.org

- **Architecture 2030**
www.architecture2030.org
- **BuildingSMART Alliance** (North American chapter of BuildingSMART):
www.buildingsmartalliance.com
- **Building Information Modeling (BIM) Forum**
www.insightinfo.com/bimforum
- **BuildingSMART International (formerly IAI)**
www.buildingsmart.com
- **Biomimicry Institute**
www.biomimicryinstitute.org
- **Biomimicry Guild**
www.biomimicryguild.com
- **Canada BIM Council**
www.canbim.com
- **Canadian Green Building Council (CaGBC):**
www.cagbc.org
- **Canadian Green Building Council (CaGBC) – Alberta Chapter:**
www.cagbc/chapters/alberta
- **CCDC Documents:**
www.ccdc.org/home.html
- **Construction Specifications Canada (CSC)**
www.csc-dcc.ca
- **Construction Specifications Institute (CSI)**
www.csinet.org
- **IFD Library**
www.ifd-library.org
- **International Construction Information Society (ICIS)**
www.icis.org
- **MasterFormat 2012**
(Free downloadable PDF on Spex.ca Free page)
- **OmniClass**
www.omniclass.ca
www.omniclass.org



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- **Spex.ca**
www.spex.ca
- **Uniformat:**
www.csinet.org/uniformat

Portland Cement Association
ConcreteTechnology@cement.org

Terrazzo, Tile & Marble Association of Canada (TTMAC)
<http://www.ttmac.com/>
association@ttmac.com

Interior Designers of Alberta
www.interiordesignalberta.com

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Alberta Association of Architects (AAA)
<http://www.aaa.ab.ca/>
Alberta Painting Contractors Association (APCA)
www.apca.ca
Connie Pruden
pc@apca.ca

Association of Professional Engineers, Geologists, and Geophysicists of Alberta (APEGGA)
<http://www.apegga.org/>
dward@apegga.org

Alberta Roofing Contractors Association (ARCA)
Web: <http://www.arcaonline.ca>
Email: info@arcaonline.ca

Association of Science and Engineering Technology Professionals of Alberta (ASET)
<http://www.aset.ab.ca/>
Russ Medvedev
russm@aset.ab.ca

American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
<http://www.ashrae.org/> / ashrae@ashrae.org

Building Owners and Managers Association (BOMA)
<http://www.bomaedmonton.org/> / edmonton@boma.ca

Consulting Engineers of Alberta (CEA)
<http://www.cea.ca/>
info@cea.ca

The Canadian Wood Council (CWC)
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BUILDEX WELCOMES THE EDMONTON CONSTRUCTION ASSOCIATION

BUILDEX is excited to officially announce a renewed partnership with the Edmonton Construction Association. The ECA will be joining BUILDEX as a Major Sponsor and Supporting Association. There are several NEW initiatives that will be announced over the coming months but the overall goal will be to increase industry attendance and participation from exhibitors and sponsors. We are extremely happy to be working with the ECA and its members moving forward.

Edmonton Construction Association + BUILDEX EDMONTON

CONSTRUCTION SPECIFICATIONS CANADA LENDS SUPPORT

BUILDEX can also announce that CSC, Edmonton Chapter has joined BUILDEX as a Supporting Association. We believe this is a great relationship that will help raise the quality of the seminar content and draw even more of the high quality professionals that already attend the Edmonton event.

NEW EXPANDED FLOORPLAN FOR 2014

We have expanded our showfloor for 2014 which means a bigger footprint and more exhibits to explore. [Click here for a preview](#) of the new layout for the tradeshow floor. Many of the highest profile space is already being confirmed so ACT EARLY to ensure that you don't miss out on the best booth locations.

Book now by contacting:
Wolfgang Ortner (A-L Companies)
wolfgang.ortner@infomac-arabca.com
403.241.1080



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Bulletin Board

Free postings for CSC Members

Contact Neil or Tracey

Congratulations to Keith Robinson, the winner of the iPad Mini door prize at the November 20th CSC Vancouver Chapter Construction Fair!



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December 3rd

Innovations in Mass Timber Construction



The Speaker:

Rory Koska: Technical Advisor for Alberta Wood WORKS!/Canadian Wood Council.

The Talk:

- ◆ Introduction of the Canadian Wood Council / Wood WORKS! Program. Who we are and what we do.
- ◆ Benefits and challenges of using wood. Mass wood what is it?
- ◆ Innovations in wood products, where do we see it going. Tall wood buildings.

Location:

**Chateau Louis Conference Centre,
11727 Kingsway NW, Edmonton**

Members: \$25.00
Non-members: \$30.00

The Menu:

Full Breakfast Including

French Toast, Eggs, Bacon, Sausages, assortment of muffins and pasteries, Coffe, Tea, Juices

Program:

Registration & Networking: 7:00am
Breakfast 7:15am
Tech Talk: 7:45am

Register at



Follow link

Register before November 26th and get \$5.00 off

Information, questions and sponsorship enquiries contact:
Jeff Halashewski, Email: JHalashewski@dialogdesign.ca



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COMMUNICATE EDUCATE COLLABORATE

5-Day PCD, SP2, and CCA Workshops

DATES: January 13-17, 2014
(PCD only, register before January 3, 2014)

March 10-14, 2014 (PCD, SP2 &
CCA, register before February 28, 2014)

LOCATION:

Eaton Chelsea Toronto – (formerly the Delta Chelsea Hotel) in the heart of downtown Toronto. Special room rate discounts offered ** (January: \$129/night, March: \$139/night)

Group Name: Construction Specifications Canada
Call: 1-800-CHELSEA (1-800-243-5732)

Cut-off date for room rate discounts:

January course: December 13, 2013;

March course: February 7, 2014

** Student must make their own reservations.
Prices subject to availability.

COST: (Members) \$1199
(Non-Member) \$1399

Cancellation: A cancellation fee of \$250 applies if 21 days or more before the workshop.

No refunds issued less than 21 days before workshop.

* The CSC Principles of Construction Documentation (PCD) is a pre-requisite. If you have not completed the PCD, you can challenge the exam prior to registering for this workshop.

IN JUST 5 DAYS you can complete CSC's PCD, SP2 or CCA Course!*

Principles of Construction Documentation (PCD)

Skills must be kept up if you are going to compete in today's market. Having the experience and knowledge will give you leverage in the fast paced construction industry. The PCD program will provide you with a better understanding of construction documentation (specifications, drawings, and schedules), products, bidding procedures, and contracts. The course will also provide a solid base for future skills acquisition, job efficiency, position advancement, and pay increases in a convenient and easy to follow format.

Course Outline:

- ◆ Construction Process
- ◆ Production of Construction Documents
- ◆ Forms of Contract
- ◆ Codes and Standards
- ◆ Risk Management Issues
- ◆ Legal Issues
- ◆ Building Science
- ◆ Contract Administration
- ◆ Communications
- ◆ Trends in the Construction Industry

Specifier 2 (SP2)

This course has been developed to support students pursuing a career in construction specification writing. This course is also designed for individuals involved in the construction industry who at any point in their career are required to produce, read, supply products in relation to a project, or rely on the project manual/specification. In other words, it is designed for anyone in construction, whether they work as a specification writer, designer, consultant, contractor or supplier.

Specifier 2 is designed for those wanting to know more about the preparation and processes needed to produce quality contract documents. The course will serve as a refresher for the practicing specification writer, and will assist those who are preparing for or are enrolled in the Registered Specification Writer (RSW) program or those who wish to become a Certified Specification Practitioner (CSP).

Course Outline:

- ◆ Introduction
- ◆ General Review (Specification Writing, Contracts, Project Delivery Methods, Contractor's Jurisdiction)
- ◆ Procurement and Contracting Requirements (Part 1)
- ◆ Procurement and Contracting Requirements (Part 2)
- ◆ Lien Legislation, Bonds, Insurance and Dispute Mechanisms
- ◆ Writing From a Master Specification
- ◆ Division 01 – Administrative and Procedural Requirements
- ◆ Division 01 – Temporary Facilities and Controls
- ◆ Division 01 – Performance Requirements and Life Cycle Activities
- ◆ Writing Original Specification Sections
- ◆ Relationship and Coordination – Divisions 00, 01, and Technical Sections
- ◆ Professional Practice

Construction Contract Administrator (CCA)

The course is designed for those individuals involved in construction administration, including Contract Administrators, Property Managers, Architects, Engineers, Interior Designers, Specification Consultants, Building Authorities, and Bonding and Insurance Agencies.

This course is a requirement for the Certified Construction Contract Administrator (CCCA) designation.

Course Outline:

- ◆ Construction Industry participants
- ◆ Bidding Requirements and Process
- ◆ Alternatives and Substitutions
- ◆ Standards and Regulatory Influences
- ◆ Site Activities
- ◆ Execution of the Work
- ◆ Certificate of Payment
- ◆ Changes in the Work
- ◆ Dispute Resolution
- ◆ Construction Insurance
- ◆ Construction Surety Bonds
- ◆ Guarantees and Warranties
- ◆ Project Submittal
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- ◆ Clerk of the Works
- ◆ Contract Close-Out
- ◆ Commissioning
- ◆ Definitions and Resources

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CSC Edmonton December Meeting

**Innovations in Mass Timber
Construction
Canadian Wood Council**

December 3, 2013

CSC Kitchener 2014

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