



Series 40, Edition 6, Winter 2012

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

# 2012

September 11th Energy Codes

October 2nd

Point Supported Glazing

November 8th ATLAS Plant Tour

December 4th

Lansdowne Park Redevelopment

# 2013

January 8th
Re-roofing Garden Roofs

February 5th

**Designing on the Frontier** 

February 28th
Annual Curling Bonspiel

March 4th

No Frills Trade Show

April 2nd Specifying Hardware

May 7th
Glass Technologies & AGM

August 15th
Annual Golf Tournament

# **DINNER MEETING NOTICE**

date: Tuesday, February 05, 2013.

topic: DESIGNING ON THE FRONTIER

This presentation qualifies for self-directed OAA credits. (see more details inside)

speaker: David Moses, Principal, Moses Structural Engineers

location: Toronto Skating Curling and Cricket Club

141 Wilson Ave., Toronto(1 block east of Avenue Rd.)

time: 17:15 Cocktails 18:00 Dinner

19:00 Presentation

cost: \$45 + HST members, \$50 + HST non-members

\$50 + HST at the door, \$200 + HST Booklet of 6 dinner

tickets (members only)

reserve: Please make your reservation with Donna Fournier

of the CSC Toronto Chapter Office at 1-888-494-9350.

info: Chris Hunter, Firestone Building Products Canada

Phone 416-930-8766

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# Chair's Message

By: Russ Snow



If E-mail had been around before the telephone was invented people would have said "hey, forget email - with this new telephone invention I can actually talk to people" – Unknown

With more and more reliance on electronic communication, social

media, and any other method that takes away from personal interaction, I think it is time that we remember the most effective way of communication...personal interaction. Now I am guilty as the next person when it comes to computers, emails, texting, iPhones, iPads, Blackberries (yes, still), and any other electronic device to communicate with; but I think it is important we all take a step back and look at how we communicate with one another.

I was reading the following article in Harvard Business Review written by Anthony Tjan, CEO, Managing Partner and Founder of the venture capital firm Cue Ball, and thought I would share with the membership as it had some good points.

"Focus on the live conversations at hand, rather than parallel conversations on the Blackberry screen.

But the bigger need is just for more live conversations to occur, period. This is especially true when people are trying to resolve a conflict or communicate an important business decision. There is a rising and unproductive trend towards people trying to do digital conflict resolution. The de facto path for issue resolution seems to be increasingly via email. More accurately, email has become a convenient mechanism for issue-avoidance. It is easier, quicker, less stressful, and less confrontational to have critical or challenging issues sent over email versus a live one-on-one with a counterpart.

Like many individuals, I have experienced too many unproductive strings of back-and-forth emails or texts that should have stopped in round two, but continue. The problems with trying to resolve sensitive matters over email or text are quite obvious:

1. It is hard to get the EQ (emotional intelligence) right in email. The biggest drawback and danger with email is that the tone and context are easy to misread. In a live conversation, how one says something, with modulations and intonations, is as important as what they are saying. With email it is hard to get the feelings behind the words.

- 2. Email and text often promote reactive responses, as opposed to progress and action to move forward. Going back to the zero latency expectation in digital communications, it is hard for people to pause and think about what they should say. One of my colleagues suggests not reacting to any incendiary message until you have at least had a night to sleep on it, and always trying to take the higher ground over email. While by definition reactive responses occur in live discourse, they are usually more productive. The irony is that while email, as an asynchronous channel, has the potential to be more thoughtful, it often promotes the opposite tendency to be immediately reactive. Why? Because the bark is almost always bigger than the bite behind remote digital shields.
- 3. Email prolongs debate. Because of the two reasons above, I have seen too many debates continue well beyond the point of usefulness. Worse, I have experienced situations which start relatively benignly over email, only to escalate because intentions and interests are easily misunderstood online. When I ask people if they have called or asked to meet the counterpart to try and reach a resolution, there is usually a pause, then a sad answer of "no."

Email is one of the greatest productivity contributors of the past two decades, and social communication platforms such as Twitter and Facebook have fundamentally changed and positively enriched the means and reach with which we are able to interact. Yet we have to recognize when such digital channels cannot substitute for a live conversation. Email and social networking modes of communications have created a generation of casually convenient new connections, and even helped us deepen existing relationships, but they can rarely replace the real world. As digital communication accelerates the pace at which people form and broaden relationships, it is also decreasing the rate at which people are willing to resolve issues professionally and directly in-person. The next time you experience an issue over email, ask yourself if it is something that would be better served by a real conversation. Then have the courage to stop emailing and pick up the phone. Or even better: have a meeting."

# Vice Chair's Message: No Frills Trade Show

By: Mark Clemmensen



It's that time of year again where I ask you to turn your attention to the best "Local One Day Information Blitz" that our industry offers all year.

Have you had enough of iPads and 42" screens showing videos or presenting products? Had enough of booths which

stretch aisles, with flashy advertising but little technical "touchy-feely" information available for you to grasp and understand? Want a technical representative to explain how these systems work in our climate, or how these new products are going to shape our industry for years to come?

Well the opportunity is finally back: the Toronto Chapter's "35th Annual No Frills Trade Show." The one-day event features over 175 different manufacturers, jammed into **one** room for **one** afternoon. To add to this vast learning opportunity, three lecture series topics and a demonstration area have all been added on the show floor. Why pull people off the show floor and squeeze them into small, hot rooms when we can house it all together?

To kick off the 35th anniversary of the show, the No Frills Trade Show Committee has invited David Miller as our featured guest speaker at the luncheon. As Toronto's 63rd Mayor, elected in November 2003 and re-elected in November 2006, [he will be discussing] "A Vision for Toronto". The luncheon begins at 11:30am sharp, and tickets are selling quickly so please reserve your table before it's too late.

The lecture series features three topics of growing interest in our industry. The first is a presentation by the Vice President, Industry and Business Transformation at Cisco Canada, Rick Huijbregts, on Connected Real Estate. John Carpenter, President of Clearstream Architectural Products Ltd, will be speaking in the second lecture series about Controlling Light & Heat with Architectural Glazing Systems. The lecture series concludes with a Construction Industry Legal Update, running from 4:30 and 5:30pm.

All lecture series presentations are free to attend by attendees and question and answer periods are provided at the conclusion of each presentation.

The demonstration area will feature an industry leader within the sealants and waterproofing industry. Tremco has agreed to provide two demonstrations, showcasing installation of their highly anticipated impregnated compressed tape for sealing windows and doors, as well as a number of other products from their vast product offering. These free demonstrations will expose the audience to new and innovative products and provide a better understanding on how these products are installed on site.

Students and industry beginners are also invited to a special free 45 minute seminar on the Profession of Specification Writing, held between 2:15 and 3:00pm, adjacent from the show floor in Room 104. This seminar explains in better detail what it is to be a Specification Writer, examining their role on the project team as well as providing some understanding on what specifications are and why they are important in the construction industry.

Save The Date - Monday, March 4, 2013 Metro Toronto Convention Centre, Constitution Hall, North Building, 255 Front Street West, Lower Level, Room 105. Show doors open between 1:15pm to 6:00pm.

This information and more, including free attendance badge creation, can be found on the No Frills Trade Show Website, <a href="www.csctradeshow.com">www.csctradeshow.com</a>.

Remember, attendance is FREE! Help support CSC and your Toronto Chapter by attending this once-a-year opportunity. EXHIBITORS WANT TO SEE YOU!



# **Dinner Meeting February 5, 2013**

# **Designing On the Frontier: Embodied Energy of Building Materials**

This Presentation qualifies for self-directed OAA Credits

Buildings account for approximately 33% of total energy use in Canada and the United States. Operational energy use is the usual target for energy reduction: change mechanical and electrical systems and improve a building's thermal performance. But approximately 8%\* of the energy used during the life of a building is embodied in the construction materials themselves (\*depending on the life expectancy assumed for the building). An appropriate choice of structural system early in the design process can make a big difference in the embodied energy of a building. Materials should be specified based on the sustainability of the material, the energy required to extract resources, the energy to manufacture them and to deliver them to site and the ability to re-use or recycle them after the building has reached the end of its useful life. David will review a few of the material options available to specifiers and designers today as well as opportunities for increasing carbon storage (sequestering carbon) in our buildings. Renewable, natural materials provide us with new opportunities. Design examples will include clay-straw, rammed earth,

the Art Gallery of Ontario, the new Lansdowne Stadium in Ottawa, CLT (crosslaminated timber) and mid-rise construction using wood-

based materials.



# SPEAKER: David Moses PhD, PEng, PE, **LEED®AP**

David is principal of Moses Structural Engineers Inc. in Toronto, Canada. About 50% of his design practice is based on unconventional methods of construction. This ranges from green building with LEED and Passive House, to new types of ultra-high performance concrete, unusual structures and a variety of natural materials like straw bale, straw clay and timber frame. David has been designing projects ranging

from traditional timber frame houses to state-of-the-art glued-laminated timber buildings as well as specialty timber engineering on the Art Gallery of Ontario and the new Lansdowne Park Stadium in Ottawa. David received the 2011 Forest Products Society's "2011 Wood Engineering Award" and in 2009 the Wood Works! Ontario "Wood Advocate - Engineer" award, for his work in the design and promotion of Ontario's wood products. In recent years, he has been working with Cross-Laminated Timber (CLT) in design and standards development. David is a

member of the Tri-lateral

Chris Hunter (Program Committee Officer)



Program Committee Officer

Task Force for green building in North America with the Commission for Environmental Cooperation. David sits on technical committees with APA and CSA and travels North America as an invited lecturer on green building. sustainability and timber engineering.

# WELCOME NEW **MEMBERS**

Please join me in welcoming the following new members to the CSC Toronto Chapter

Mr. Earl Shiller (Associate Member) Tec Agencies Ltd.

Ms. Jocelynn Haller AkzoNobel Dulux Paints

We wish to WELCOME our previous members rejoining CSC Toronto Chapter:

Mr. Paul Shupe IKO Industries Ltd.

Mr. Arthur Huard Glasscan Corporation

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(Membership Officer)



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|----------------|--------------------------------------|------------------|--------------------------------------|--------------------------------------|--|--|--|
| September 2012 | Exterior Technologies<br>Group (ETG) | CORE Contruction | Event Past Date                      | Event Past Date                      |  |  |  |
| October 2012   | Thames Valley Brick &<br>Tile        | 3M Canada        | Exterior Technologies<br>Group (ETG) | Alumicor                             |  |  |  |
| December 2012  | LM Temperature<br>Controls Inc.      | 3M Canada        | Flextile Ltd.                        | Event Past Date                      |  |  |  |
| February 2013  | Exterior Technologies<br>Group (ETG) | Chicago Metallic | ZinCo Canada Inc.                    | Owens Corning                        |  |  |  |
| February 2013  | W.R Meadows                          | Lexcan           | Henry - Bakor                        | Exterior Technologies<br>Group (ETG) |  |  |  |
| April 2013     | Hanson Brick                         | Lexcan           | Available Opportunity                | Available Opportunity                |  |  |  |
| May 2013       | Lexcan                               | ASI/Watrous      | Available Opportunity                | Available Opportunity                |  |  |  |

# 2012-2013 Door Prize Sponsors

| Date           | Sponsors         |                        |                               |                          |                          |  |  |  |
|----------------|------------------|------------------------|-------------------------------|--------------------------|--------------------------|--|--|--|
| September 2012 | Chicago Metallic | Reed Construction Data | Event Past Date               | Event Past Date          | Event Past Date          |  |  |  |
| October 2012   | Chicago Metallic | Reed Construction Data | Thames Valley Brick &<br>Tile | Event Past Date          | Event Past Date          |  |  |  |
| December 2012  | Chicago Metallic | Reed Construction Data | 3M Canada                     | Flextile Ltd             | Event Past Date          |  |  |  |
| February 2013  | Chicago Metallic | Reed Construction Data | Chicago Metallic              | 3M Canada                | Hanson Brick             |  |  |  |
| February 2013  | Chicago Metallic | Reed Construction Data | Available<br>Opportunity      | Available<br>Opportunity | Available<br>Opportunity |  |  |  |
| April 2013     | Chicago Metallic | Reed Construction Data | Available<br>Opportunity      | Available<br>Opportunity | Available<br>Opportunity |  |  |  |
| May 2013       | Chicago Metallic | Reed Construction Data | Available<br>Opportunity      | Available<br>Opportunity | Available<br>Opportunity |  |  |  |

# **Dinner Meeting Sponsorships Available!**

Become a dinner meeting sponsor for only \$195, which includes a table-top display prior to dinner, one free dinner ticket and a one page marketing insert included in that month's Specifier. Contact Wayne Austin by email at wayne.austin@norr.com to arrange your sponsorship.

As always, we would like to thank all of our dinner and door prize sponsors for their continued support.



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# "Pay-When-Paid"..... A Necessary Evil?

By: Rajiv Rattan



During a "worst industry practices" session at the Canadian Construction Association Conference, the controversial clause "Pay-when Paid" was well debated.

This is probably the only clause that divides the construction industry so

clearly. The Contractors love them. The Subcontractors loathe them. The ordinary meaning of this clause revolves around the timing of the payment i.e. the Subcontractor gets paid when the Contractor has received corresponding payment from the Owner. It could take 30 or 45 or 60 or even 90 days before the Subcontractor receives payment for the work done. So long as the Subcontractor feels assured of getting paid, even if a bit late, this clause is digestible to most of them. However a huge twist comes when literal or legal meaning of this clause is interpreted i.e. "Pay if Paid". This certainly is a challenge and unacceptable to many Subcontractors.

The root cause of this clause is the lack of Advance Payment from the Owner to the Contractor. Unlike many other countries where the Contractor is paid 10 % of the Contract Sum as an advance payment against an acceptable surety, at the commencement, there is no such provision here in our construction industry. Majority of the Contractors are unwilling to finance the Project and often struggle with the cash flow. This obviously leads to shifting the financial exposure and risk to major participants, if not all participants. Unless the Contractor is financially strong, has sufficient liquidity and above all willingness to take additional risk, "Pay when Paid" clause shall continue to appear in the Subcontracts.

If a Contractor suffers delay in payment or is not paid by the Owner (except due to the default of the Contractor), generally there are various other provisions in the Contract that address such situation, which in most of the cases, safeguard the interest of the Subcontractor as well. However, the scenario becomes ugly when the Contractor is not paid by the Owner and in Contractor's opinion, he is not at fault and consequently Subcontractors are not paid. [The] decision of the Ontario Court of Appeal in Timbro Developments Ltd. v Grimsby Diesel Motors Inc., is the leading case on the meaning and effect of "Pay-when-Paid" clause in Canada.

The facts are sketchy, but it seems Grimsby Diesel Motors hired Timbro Developments to build a Project. Timbro in turn, subcontracted some work to William Clare Plumbing & Heating and Lincoln-Arrow Interior Construction. Grimsby did not pay Timbro and, for some reasons not specified in the judgment, neither Timbro, William Clare, nor Lincoln-Arrow could collect anything with their construction liens. The two subcontractors sued Timbro for breach of its contractual obligation to pay them. Timbro denied any such obligation, pointing out that its purchase order said:

8. When used for sub-contract work the following terms will apply: Payments will be made not more than thirty (30) days after the submission date or ten (10) days after certification or when we have been paid by the Owner, whichever is the later. [emphasis added]

The words "payments will be made .... or when we have been paid by the Owner, whichever is the later" make clause 8 a "Pay-when-Paid" clause. It plainly means: you get paid when we get paid, and not before! Timbro inserted this "Pay-when-Paid" clause to ensure that it would have no legal obligation to pay its Subcontractors until it received payment from the Owner.

Timbro argued that, since it never got paid, it did not have to pay William Clare and Lincoln-Arrow.



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# "Pay-When-Paid"..... A Necessary Evil? (Cont.)

By: Rajiv Rattan

The issue for the court was whether the clause's legal meaning was the same as its ordinary meaning. The three Court of Appeal judges were divided on the question. By a two-to-one majority, the Ontario Court of Appeal held that the "Pay-when-Paid" clause meant what it said. Payment by the Owner to the Contractor was a "condition precedent" – it had to precede the Contractor's payment of the Subcontractors. Until the Contractor received payment from the Owner, it had no legal obligation to pay the Subcontractors.

Under the clause, the Subcontractors clearly assumed the risk that Grimsby Motors would not pay Timbro. Justice Finlayson disagreed, observing that the subtrades were not Timbro's "co-adventurers or partners in this construction contract. Having done the work....[they] are entitled to be paid."

Timbro Developments Ltd. v. Grimsby Diesel Motors Inc. makes the general rule in Canada that "Pay-when-Paid" clauses are enforceable according to their terms.



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237 Norseman Street Etobicoke, ON M8Z 2R5 www.dre.ca Tel: 416-233-1603 Cell: 416-580-1658 Fax: 416-237-0577 Email: marla@dre.ca In this regard, the Canadian experience differs from the American, where many jurisdictions find "Pay-when-Paid" clauses as being unenforceable as being against public policy.

In reality, "Pay-when-Paid" clauses are not against public policy so much as they are against the ordinary course of business. The usual contractual bargain is payment for performance: you perform and I'll pay you. A "Pay-when Paid" clause adds a significant wrinkle to that bargain: now payment also depends upon payment to the Contractor by the Owner, a factor that the Subcontractor has no control over.

From a Contractor's perspective, a "Pay-when-Paid" clause helps to manage cash flow: it will not have to pay Subcontractors their draws until it receives its draw from the Owner, and, if the Owner cannot pay, the Contractor will not suffer a loss. Contractors use them because they reflect the reality that general contractors are often just middlemen between the Owner and the parties actually building the Project, the Subcontractors.

From a Subcontractor's perspective, they are left holding the bag. They cannot benefit in the same way: they have to pay their workers and material suppliers. The buck has to stop somewhere. The loss falls on them.

Regardless of their appeal, the law in Canada is clear. Other Canadian cases have upheld Timbro and followed its reasoning. However, because the risk transferred by a "Pay-when-Paid" clause is significant, the Contract must clearly establish the "Pay-when-Paid" term. For instance, you cannot have a verbal: "Pay-when-Paid" clause without some proof that the Subcontractor has agreed to it.



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# "Pay-When-Paid"..... A Necessary Evil? (Cont.)

By: Rajiv Rattan

In Builder's Supplies Ltd. v. 1489683 Ontario Ltd., the court held that there was no "Pay-when-Paid" agreement where the Contractor alleged it had said "you get paid when I get paid," but the Subcontractor never acknowledged agreement and its invoices said "payment within 60 days."

Cases such as Tam-Kal Ltd. v. Stock Mechanical Inc. and Arnoldin Construction & Forms Ltd. v. Alta Surety Co. which find "Pay-when-Paid" clauses unenforceable do not detract from the general principle in Timbro; they merely determine that, in circumstances, the wording of the purported "Pay-when-Paid" clauses does not clearly say so:

An intention so important cannot be buried in obscure language that would not alert the Subcontractor that payment for the subcontract work was conditional on the Owner paying the Contractor.

One problem with "Pay-when-Paid": clauses is that they are a crude tool: they do not distinguish on the basis why the Contractor has not been paid – what risks the Subcontractor has actually accepted by agreeing to a "Pay-when-Paid" clause. Some courts take a nuanced view of "Pay-when-Paid" clauses, correctly considering the intent of the parties when determining the scope of this clause.

For instance, in Kor-Ban Inc. v. Pigott Construction Ltd., Madam Justice Bell finds a proper "Pay-when-Paid" clause, but notes that:

.....the issue is whether there has been any act or default on the part of the general contractor which has been the cause of the owner's failure to pay the general contractor. If there has been, then the general contractor would not be entitled to rely on a clause as s. 12. in the subcontract in this case.

A "Pay-when-Paid" clause is not likely intended to address the circumstances where the Owner has a legitimate contractual reason not to pay the Contractor unrelated to the Subcontractor's work, and thus is not likely to apply.

The Supreme Court of Canada's refusal to grant leave to appeal either Timbro or Arnoldin means that it regards the law as settled, so it is unlikely to change soon.

Although in Fuller Austin Insulation Inc. v. Wellington Insurance Co., the court does state that there are conflicting interpretations and meanings of "Pay-when-Paid" clauses.

#### Conclusion:

In the current tough economic times, lack of enough work, fierce competition and unwillingness to take additional financial commitments and risks, more and more Contractors are likely to include "Pay-when-Paid" clauses in their subcontracts.

This stipulation when used should be stated upfront in an unambiguous manner. A prudent Subcontractor should review this clause, the Prime Contract and the reputation of the Contractor to fully understand the risk involved and then decide whether to accept the risk or not. There should be no surprises.

Acknowledgement: M. Mackay



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# A Little bit about Rajiv Rattan...

Rajiv Rattan, P.Eng, MS, CCCA is a seasoned professional with 30 years of diversified work experience, both locally and internationally executing high profile and complex projects. He has worked in various responsible positions with Consultants, Design-Builders, P3 consortia and General Contractors. He is currently the Vice President at Butler Group. In the past he has worked for Yolles Partnership, EllisDon, Giffels Design-Build and Bondfield Construction. Rajiv is a Public Speaker on Construction Claims. He is a Managing Committee member of Engineering Innovations Forum (PEO) - Toronto Chapter. Rajiv's ethical, honest & dedicated demeanor motivates those around him to successfully collaborate in achieving all set targets, no matter how tall they are. Rajiv has a keen interest in yoga, spirituality, sports and music. Rajiv takes the role of Contractor and Trade Officer of CSC Toronto Chapter. Let us all welcome him to CSC!

# **Director's Report: February 2013**

By: Steve LeBlanc



I would like to wish everyone a very Happy New Year. I wish you all the best for 2013.

It has been a whirlwind of activity here at the Toronto Chapter of CSC, with our dinner events, social events, and of course our educational opportunities.

I wanted to remind everyone of the upcoming CSC National Conference - "Right Now", this year happening May 22 -26 2013, in Calgary.

The Conference Committee has been hard at work to make Calgary the premier venue for CSC to Educate, Communicate and Collaborate!

The Technical program will include presentations on:

- Electronic Bidding Process
- ADR and Beyond
- Comparison of BOMA BESt Sustainable Building Operation, and LEED EBOM
- Conflicts in Construction Documents Intent vs **Documentation**
- Change Orders and Productivity
- NFPA 80 Annual Inspection of Fire Rated Doors
- Net Zero Homes A Case Study
- Continuous Insulation Overall Effective R Value of **Exterior Walls**
- The Art of Customer Service How to Engage **Architects and Specifiers**
- DC: The Power to Change Buildings
- Firestopping and Compartmentation in Construction
- How to Manage a Technical Sales Agency
- BIM and Spec Software What's on the Market? What Does it Really Do? - A Practitioner's View
- Substitutions What a Technical Representative Needs to Know

• Moisture Control in Concrete

The conference venue, the Hyatt Regency Calgary in the heart of downtown Calgary, and home to over 500 original Western Canadian paintings and sculptures, is within walking distance of:

- Stephen Avenue Walk, filled with theatres, shopping, entertainment, and excellent restaurants:
- · Calgary Tower;
- Glenbow Museum:
- Paths along the Bow River.

So I invite you to join us in the foothills of the Rocky Mountains, where the Bow and Elbow rivers meet, and share the experience.

What are you waiting for? Register today!

I look forward to seeing everyone there, to renew old friendships, foster current relationships, and of course create new ones...so join me there to "share the experience" together.

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# Interior Design Officer's Report

By: Nancy McPherson



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Now in its 4th year, the IDC Industry Membership program has been enhanced for 2013. With four membership options available and all prices frozen for 2013, there is a level suitable

for every business. For more information, go to the IDC web site.

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- 1. Increased number of contacts across all levels
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Self-adhered membrane eliminates fasteners that leave holes in the building envelope.

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# **CSC Toronto Chapter Fred Clarke Memorial Award**

By: Steve loannides

It is my pleasure to announce the following 2012 Fred Clarke Memorial Award recipients:

- Ms. Daniela Carter, Interior Design student, Sheridan College, Oakville campus.
- Mr. Sanghoon Baek, Civil **Engineering Technology** student, Humber College, North campus.
- Ms. Loreta Capobianco, Architectural Technology student, Humber College, North campus.



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By: Steve loannides



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# Welcoming Paul Shupe back to CSC...

By: Stacey Bogdanow

# Why did Paul rejoin?

In one word, loyalty. I remember back in 2001, a good friend - Larry Stutt, became my "coach" and introduced me to the spec writers, showed me the association and why it's so important. I was hooked immediately. I iumped in with both feet and volunteered for the CSC No Frills Trade Show Committee as Marketing Officer for five years. During my journey, I earned my CTR designation and passed both RSW Level I and RSW Level II exams. At one point, I even thought about becoming a spec writer as I enjoy the technical writing. And then an opportunity popped up. Another good friend was moving to Calgary and I had a chance to pay it forward by telling him about CSC and how it impacted my life. His name is Larry Shoesmith.

# **5th Annual Curling** Bonspiel, Feb. 28, 2013

By: Dinshaw Kanga

Registrations for this popular event at the Toronto Cricket, Skating and Curling Club are coming in. We remind those that are interested in participating register at their earliest convenience; especially if they are booking for a foursome, as space is limited.



(Membership Officer)

For novice curlers and others alike, instructions on the rudiments of curling precede the start of the game. After the curling, there will be a cash bar followed by a sumptuous roast beef dinner.

Please refer to the Flyer and Registration Form included in this Specifier Newsletter for full details.



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# Productivity Bits: Your Own Little Printing Press...

By: Juste Fanou

Writing specifications in today's world often requires one to submit the following separate sets of deliverables to clients at the very minimum: PDF print sets and hard copies of the Project Manual. Unfortunately, upon further examination of the modern spec writer's current workflow we realize how a task as seemingly mundane as printing could prove to be very problematic and lead to unexpected delays in your schedule.

Indeed, Project Specifications are often prepared in separate files using a word processing tool such as MS Word or Word Perfect and then later converted to PDFs for delivery. It is not unusual for an average building's Project Manual to contain a few hundred specifications (read: a few hundred files!) that need to be prepared and sent to the clients by yesterday at the very latest! The task of printing these individual documents is often repetitive, laborious and prone to errors and omissions.

Thankfully, as it is often the case in this rubric, I try not to address a problem to which I have found no solution. I thus present you with "Print Conductor"! This free little gem allows you to simultaneously print several files (of up to 19 different native formats) in a single click. Depending upon the processing power of your machine, printing 100 MS Word files (or converting them to PDFs) could take as little as 3 minutes! Yes you read that correctly. Also as this software supports various native formats, it means that you don't have to separately convert a schedule produced in MS Excel and a specification produced in MS Word.

# A few words of caution:

- As with any automated process, human verification and monitoring are crucial to ensuring that the output is exactly as desired. It is therefore crucial that you sample various printed PDF documents to confirm that they are displaying correctly.
- Check with your IT department before performing any batch processes on your company's servers! It may be a good idea to try and perform any batch document processing on your local drive before uploading to the servers.

To learn more about Print Conductor and its features, please go to the following link: http://print-conductor.com/

So tell me, how much time have you saved today Mr. Gutenberg?



Charles Bosworth Sales Manager



CPD® Construction Products 219 Connie Crescent, Unit 13 Concord, Ontario L4K 1L4

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### Steve Gusterson, CTR

Manager, Pre-Construction Design Services s.gusterson@alumicor.com

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Contact Jennifer Iott CSI (703) 706-4755 jiott@csinet.org

Nick Franjic, CAE CSC (416) 777-2198 nfranjic@csc-dcc.ca

#### CSC and CSI Release MasterFormat® 2012

*Updates include 76 new numbers/titles to address new types of finishes,* an expanded utilities division and more

**Toronto, ON. (April 10, 2012)** – Construction Specifications Canada (CSC) and the Construction Specifications Institute (CSI) today announced the 2012 updates to MasterFormat®, their flagship product used to organize construction documents for commercial, industrial and institutional building projects in the United States and Canada.

CSC and CSI added 76 new numbers/titles, changed 18 of the existing numbers/titles and deleted three that duplicated other existing numbers/titles.

"These changes further refine *MasterFormat*, ensuring that this standard filing system reflects the evolving needs of the industry and facilitates effective communication between project team members," said CSC President Bruce J. Gillham, CTR, CCCA.

"After reviewing the latest changes to *MasterFormat* proposed by its users, CSI and CSC experts made a number of updates, making it even easier to organize project manuals, or store and retrieve project information," said CSI Executive Director and CEO Walter Marlowe, P.E., CSI, CAE.

One of the most significant updates to *MasterFormat* involves the addition of numerous titles in Division 33 – Utilities. The additions expand coverage of sanitary sewerage and septic systems work:

- Utility Drainage Field (33 36 33) is now Utility Septic Tank Drainage Field (33 36 33), with Utility Septic Tank Tile Drainage Field (33 36 33.13) and Utility Septic Tank Shallow Pressurized Dispersal System (33 36 19.16) added as "children" under it.
- Sanitary Sewerage Lagoons (33 47 23) is now Treatment Lagoons (33 38 00), with the following "children" added: Municipal Wastewater Treatment Lagoons (33 38 13), Industrial Waste Lagoons (33 38 16), Agricultural Waste Lagoons (33 38 23) and Residential Sewerage Lagoons (33 38 26).
- A number of new titles address septic tanks, filters and pumps.

www.csctoronto.ca 16 February 2013

Among the other refinements, CSC and CSI:

- Added three new titles to Division 09 Finishes: Concrete Staining (09 61 19), Interior Wall Paneling (09 78 00) and Metal Interior Wall Paneling (09 78 13).
- Amended Theater and Stage Equipment (11 61 00) to Broadcast, Theater and Stage Equipment, and added titles to address Lighting Rigging Systems (11 61 33.11), Scenery Rigging Systems (11 61 33.16) and Curtain Systems (11 61 33.19).
- Expanded Operation and Maintenance of Plumbing Piping and Pumps (22 01 10) to include Video Piping Instructions (22 01 10.16), Plumbing Piping Cleaning (22 01 10.51), Plumbing Piping Repairs (22 01 10.61) and Plumbing Piping Relining (22 01 10.62).

The *MasterFormat* Maintenance Task Team conducts the annual revision cycle process. The team is a committee of volunteers appointed by CSI, CSC and *MasterFormat* stakeholders ARCAT, ARCOM, Building Systems Design, Inc., Specification Consultants in Independent Practice (SCIP), Digicon and Canadian National Master Specifications (NMS).

The task team's next annual meeting will take place in August, and results from that meeting are expected to be announced in early 2013.

*MasterFormat* is a master list of numbers and titles classified by work results or construction practices, used to organize project manuals, detail cost information and relate drawing notations to specifications. By fostering fuller and more detailed construction specifications, *MasterFormat* is designed to reduce costly changes and delays in projects due to incomplete, misplaced or missing information. For more information on the 2012 updates, please visit <a href="www.masterformat.com">www.masterformat.com</a>.

###

# **About CSC**

CSC is a national multi-disciplinary, non-profit association with chapters across Canada. In the construction industry's fast-paced environment, the need for and value of CSC is greater than ever bringing together individuals from all segments of the Canadian construction industry. CSC is committed to ongoing development and delivery of quality education programs, publications and services for the betterment of the construction community. For more information, visit <a href="www.csc-dcc.ca">www.csc-dcc.ca</a>, or call (416) 777-2198.

#### About CSI

CSI (Construction Specifications Institute) is a national association dedicated to improving the documentation, management and communication of building information as used by the construction community. CSI accomplishes its mission through the development of construction standards and formats such as MasterFormat and UniFormat; the promulgation of those formats through master guide specifications and building information management (BIM) software; training and certification programs, including the Construction Documents Technology (CDT) and Certified Construction Contract Administrator (CCCA) exams; publication of *The Construction Specifier* magazine; and an ever-expanding membership of decision-makers who identify and specify building product solutions. CSI members include a cross-section of specifiers, architects, contractors, suppliers and other construction project professionals who are touched by construction documentation. For more information, visit <a href="https://www.csinet.org">www.csinet.org</a>, or call (800) 689-2900.



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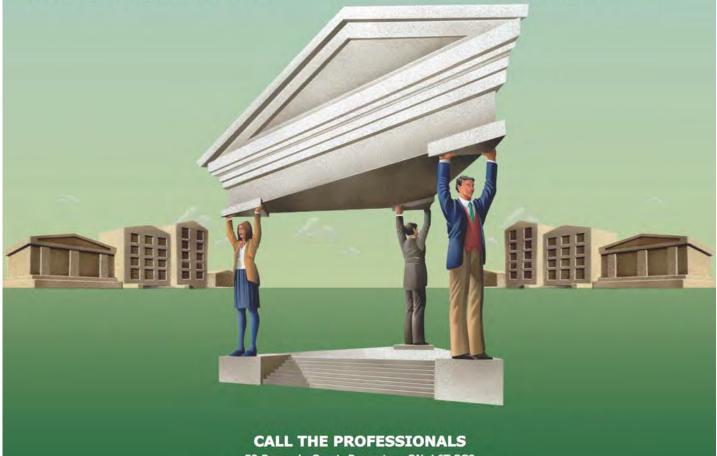
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# **MEETING NOTICE**



# **LUNCHEON PRESENTATION**

# DESIGN CONSIDERATIONS OF ROOFTOP SOLAR PROJECTS

when: Thursday, February 21, 2013

venue: Royal Canadian Legion, 828 Legion Road, BURLINGTON, ON.

Registration: 11:30 AM

Literature/Product Tables\*: Before lunch and after the Presentation.

Lunch: 12:00 Noon

Presentation: 12:45 PM (Meeting to end by 2 PM)

\*A Networking opportunity for manufacturers and suppliers. Literature /product

tables are available at \$50.00 each, book with Terry

cost: \$25.00 Per Person, payable at the door. Receipts on arrival,

ATM on site. (Cheques payable to CSC Hamilton/Niagara Chapter).

target audience: Architects, Landscape Architects, Engineers, Specification Writers,

Building Code Professionals, Owners, Property Managers,

Contractors, Sub-Contractors.

reserve: With Terry Johnson FCSC,

Preferred Email: tjohnson32@cogeco.ca

Cell: 905 220 5366

Disclaimer. The opinions and comments expressed by the authors and presenters do not necessarily reflect the official views of CSC. Also appearance of advertisements and new products or services information does not constitute an endorsement of products or services featured. Door Prizes appreciated. **PLEASE CONTACT TERRY**. Thank You.



# **MEETING NOTICE**

Other Chapters

# **LUNCHEON PRESENTATION**

# DESIGN CONSIDERATIONS OF ROOFTOP SOLAR PROJECTS

course description:

Discussion of the required trade-offs in designing PV systems, while trying to maximize PV output and rooftop capacity. Impact of solar array, including ballasting and hardpoint requirements and impact that racking style has on roof system performance and maintenance will be discussed.

seminar presenter:

Michael Guest, P.Eng, VP of Operations for Conestoga Solar Inc., a solar EPC company, located in Cambridge, ON. (www.conestogasolar.com)

With focus on commercial and industrial rooftop projects, Michael was previously with Canadian Solar where he completed feasibility studies and solar designs on hundreds of buildings in the Ontario market and Operations And Maintenance programs for solar farms. He received his B.Sc. from McMaster University in 1995 and a B.Sc. FE from the University of New Brunswick in 2000.

Disclaimer. The opinions and comments expressed by the authors and presenters do not necessarily reflect the official views of CSC. Also appearance of advertisements and new products or services information does not constitute an endorsement of products or services featured. Door Prizes appreciated. **PLEASE CONTACT TERRY**. Thank You.



# **Petroff Partnership Architects**

Petroff Partnership Architects is an international full-service architectural firm. We are very proud to have been in business for 55 years. The practice employs a talented staff of over 140 professionals including Registered Architects, Designers, Planners, Interior and Graphic Designers, Technologists, Specification Writers and Administrative Staff. The firm provides all aspects of architecture, planning, urban design and redevelopment, space planning, interiors and graphic design. Our award-winning projects extend across Canada, from British Columbia to Newfoundland.

Our Markham office requires a:

# Registered Specification Writer with 8+ Years' Experience

# **Role and Responsibilities:**

Responsibilities will include developing, preparing and reviewing specifications as well as maintaining master specifications. Extensive experience working on complex local, national and international projects, experience in a variety of building types and knowledge of LEED is required. Ability to assess priorities and handle multiple projects on tight deadlines is a must.

# **Qualifications:**

- Minimum 8-10 years experience
- Develop and prepare specifications
- Exceptional technical knowledge of the building industry
- Strong working drawings and AutoCAD skills would be an asset
- Knowledge of current codes and standards required
- Excellent organizational skills with the ability to handle multiple projects

# How to Apply:

Please submit your resume in confidence to: resume@petroff.com. Petroff Partnership Architects offers a friendly work environment with a competitive compensation package. We appreciate all interested submissions, but only qualified candidates will be contacted.

#### CAREER ADVERTISING IN THE TORONTO SPECIFIER

CSC Members in good standing or firms with members in good standing may place career advertisements in *The Toronto Specifier* free of charge, space permitting and at the discretion of the editors.

Help-wanted advertisements must be seeking a professional with, or working towards, a recognized CSC professional designation and must be no longer than 250 words.

Corporate logos may be included. Advertisements can run for up to 3 issues, provided space is available. To place your ad, please contact Stephanie Fargas at <a href="mailto:sfargas@designdialog.ca">sfargas@designdialog.ca</a>

www.csctoronto.ca 21 February 2013





Advertising in the Toronto Specifier offers the benefit of distribution to a minimum of 700 members every month for 10 issues (September 2011 to June/July 2012). The issue preceding the No Frills Trade Show is forwarded to the four other Ontario

CSC chapters in addition to our regular e-mail distribution. The cost for the advertisement is as follows:

# 3-1/2" x 2" business card ad \$300.00 + \$39.00 HST = \$339.00

3-1/2" x 4" business card ad

\$520.00 + \$67.60 = \$587.60

To returning advertisers, we would like to express our thanks for your support and we look forward to your continued sponsorship. Advertisers must be a member of CSC with a maximum of one (1) name per single business card ad and three (3) names per double business card ad.

# TAKE THE SPOTLIGHT!

# **CSC Business Card Advertising**

Reserve an ad space in the **Toronto Specifier Newsletter for** the 2012/2013 Season!

| <b>3-1/2" x 2" business card ad</b> @ \$300.00 + \$39.00 HST = \$339.00                       |
|---|
| <b>3-1/2</b> " <b>x 4</b> " <b>business card ad</b> @ \$520.00 + \$67.60 HST = \$587.60       |
| Other (please specify):   |
| Artwork is the same as 2011/2012 Toronto Specifier  |
| New ad: Please forward a high-resolution digital file (300 dpi) or a business card to:        |
| CSC Toronto Chapter, PO Box 349, Pontypool, ON, L0A 1K0 or by email to: wayne.austin@norr.com |
| <b>Note:</b> There will be a \$40 + HST charge for changes to business card ads.              |
| Name (please print):  |
| Company:  |
| E-mail:   |
| Telephone:  |
| For more information, please contact:   |
| Wayne Austin at (416) 926-4300 ext 3527   |
| To reserve your spot, complete and fax this form to   |

Donna Fournier at (888) 494-9350

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MAKE CHEQUE PAYABLE TO: CSC TORONTO CHAPTER MAIL PAYMENT TO: P.O Box 349, Pontypool, ON LOA 1K0

# **CSC TORONTO CHAPTER 2012/2013 SPONSORSHIP PACKAGES**

# Dinner Sponsorship \$175+HST

- One complimentary dinner ticket
- A table top display before and after dinner
- A three minute PowerPoint presentation that will loop throughout dinner
- A one-page electronic advertisement that is included in the previous month's *Specifier*
- Advanced notification of your display dates in the Specifier
   Choice of monthly dinner sponsorship is on a first-come, first-served basis. Cost of package if purchased individually: \$210 + HST



# Bronze Sponsorship \$425+HST

- One Dinner Sponsorship
- Single Business Card ad placed in the *Specifier* for 10 issues (one name only/\$50 charge for changing the card during the print run)
  - Cost of package if purchased individually: \$510+HST

# Silver Sponsorship \$685+HST

- One Dinner Sponsorship
- Double Business Card ad placed in the *Specifier* for 10 issues (three names maximum on business card/\$50 charge for changing the card during the print run)
- Company name and logo posted on CSC Toronto Chapter website (September through August) Cost of package if purchased individually: \$830+HST

## Gold Sponsorship \$1,525+HST

- Silver Sponsorship Benefits, as well as the following:
- Registration for CSC No Frills Trade Show: aisle table
- Two tickets to CSC Social Event (Curling Bonspiel or Fun Night)
- Website Package, which includes:
  - o Company name and/or logo recognition on the Toronto Chapter website, with hot link to your home page, or page link provided to us.
  - o Will run for 12 months (September through August)

 $Cost\ of\ package\ if\ purchased\ individually: \$1,810+HST$ 

### Platinum Sponsorship \$2,195+HST

- Gold Sponsorship Benefits, as well as the following:
- Upgrade to Wall Table, without electricity, at CSC No Frills Trade Show.
- Golf Day Package (includes four tickets for golf and dinner)

  Cost of package if purchased individually: \$2,660+HST

# Diamond Sponsorship \$3,080+HST

- Platinum Sponsorship Benefits, as well as the following:
- Upgrade to Wall Table, with electricity, at CSC No Frills Trade Show
- CSC No Frills Luncheon Table (eight tickets)
- CSC No Frills Luncheon Wine Sponsorship
- Plaque presented to sponsor at upcoming dinner meeting recognizing Diamond Sponsorship. *Cost of package if purchased individually:* \$3,635+HST

Construction Specifications Canada | Toronto Chapter
P.O Box 349, 131 Corbett Drive | Pontypool | Ontario | L0A 1K0 | Telephone/Facsimile: 1-888-494-9350
toronto.csc-dcc.ca

www.csctoronto.ca 23 February 2013

# CSC TORONTO CHAPTER — ANNUAL SPONSORSHIP APPLICATION FOR 2012/2013 SEASON



# Please complete the form below:

| Company name:  |   |
|--|---|
| Contact person:  |   |
| Company address:   |   |
| Phone:   | Fax:  |
| Email:   |   |
| Please select sponsorship level:   |   |
| Dinner Sponsorship (\$175.00 + \$22.75 HST = \$197.75)   | Gold Sponsorship (\$1,525.00 + \$198.25 HST = \$1,723.25)     |
| Bronze Sponsorship (\$425.00 + \$55.25 HST = \$480.25)   | Platinum Sponsorship (\$2,195.00 + \$285.35 HST = \$2,480.35) |
| Silver Sponsorship (\$685.00 + \$89.05 HST = \$774.05)   | Diamond Sponsorship (\$3,080.00 + \$400.40 HST = \$3,480.40)  |
| Payment method:  |   |
| Cheque only (enclose with application)   |   |
| Please make cheques payable to: CSC Toronto Chapt  | er  |
| Mail the completed form together with payment to   | <b>:</b>  |
| CSC Toronto Chapter<br>P.O. Box 349  |   |
| 131 Corbett Drive<br>Pontypool, ON L0A 1K0   |   |
| For more information, please contact Wayne Austin at Donna Fournier at 1-888-494-9350              | 416-926-4300 ext 3527 (wayne.austin@norr.com) or              |
| Note:  |   |
| Sponsorship is applicable from September 1, 2012 to  | August 31, 2013.  |
| Sponsors are to provide business card ad.  Silver sponsors are to provide company logo for posting | ng on the CSC website.  |
| Gold and higher level sponsors are to provide compar   |   |
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# **CSC CONFERENCE 2013 – RIGHT NOW!**

| Start  | End      | CSC CONTE                       | REINCE 2015 - I                                     | INTOINI INTOVA:                   |            |
|--------|----------|---------------------------------|---|-----------------------------------|------------|
| Jiail  | LIIU     |                                 | ednesday, May 22,                                   | 2013                              |            |
| 16:00  | 21:00    | VV                              | Early Reg   |                                   |            |
| 10.00  | 21.00    |                                 | [Local  |                                   |            |
| 18:00  | 21:00    |                                 | Welcome I   | _                                 |            |
|        |          |                                 | [Local  | tion]                             |            |
|        |          |                                 |   |                                   |            |
|        |          | 1                               | Thursday, May 23, 2                                 |                                   |            |
| 07:30  | 17:00    |                                 | Regist  |                                   |            |
|        |          |                                 | [Local  |                                   |            |
| 07:15  | 08:45    |                                 | Breakfast for Delegat                               | -                                 |            |
| 07:45  | 00.45    | Technical Representative        | [Local  | Spec Writers Meeting -            | [location] |
| 07:45  | 08:45    | You don't have to be a CTR to   |   | You don't have to be a CSP or RS  |            |
|        |          | Please have breakfast before    |   | Please have breakfast before com  |            |
|        | ı        |                                 | echnical and Product Re                             |                                   |            |
|        | Se       |                                 |   | hance your conference experie     | nce.       |
|        | The scho |                                 |   | return to their booths before co  | onference  |
|        | 1        | delegates exit ot               | her sessions during net                             | working break times.              | 1          |
|        |          |                                 | Delegates Program                                   |                                   | Companions |
| 00.00  | 10.00    | 1A - Moisture Control in        | 1D ADD and Davand                                   | 1C CSC Chamter                    | Program    |
| 09:00  | 10:00    | Concrete                        | <b>1B - ADR and Beyond</b> <i>Steve Revay, FCSC</i> | 1C - CSC Chapter Development      | l J        |
|        |          | Bruce Newbrough,                | Revay and Associates                                | Peter Hiebert, CTR,               |            |
|        |          | Ardex                           | (Imperial Ballroom 2)                               | CSC 4 <sup>th</sup> VP            |            |
|        |          | (Imperial Ballroom 1)           | ,   | (Imperial Ballroom 3)             |            |
| 10:00  | 10:30    |                                 | Speed Networking Sess                               |                                   |            |
|        |          |                                 |   | otimize your participation in the |            |
|        |          |                                 |   | whom you might not otherwise      |            |
|        |          | cross paths. This is a great of |   | ır network with fellow delegates, |            |
| 10:30  | 11:30    | 2A - Is That Product            | speakers, and sponsors  2B - Electronic Bidding     |                                   | -          |
| 10:30  | 11:30    | Really Green?: Virtuous         | Barb Boroskae, Manitob                              |                                   |            |
|        |          | Materials do not a Green        | Construction Informatio                             | · ·                               |            |
|        |          | Product Make                    | Services Manager,                                   | technical sales agency**          |            |
|        |          | Andrée Iffrig, LEED AP,         | Winnipeg Construction                               | Kim Tompkins, CTR                 |            |
|        |          | DIRTT Environmental             | Association   | TEC Agencies                      |            |
|        |          | Solutions                       | (Imperial Ballroom 2)                               | (Imperial Ballroom 3)             |            |
|        | 1        | (Imperial Ballroom 1)           |   |                                   |            |
|        |          |                                 |   |                                   |            |
| 11.//5 | 13.45    |                                 | Luncheon  |                                   |            |
| 11:45  | 13:45    | Making New                      | Luncheon<br>/ Friends, Catching Up v                | vith Old Friends                  |            |

Please note, all session topics and times subject to change. Last updated November 20, 2012

|       |       | Thurso                       | lay, May 23, 2013 - cor         | ntinued                         |                  |
|-------|-------|------------------------------|---------------------------------|---------------------------------|------------------|
| 14:00 | 15:00 | 3A - Building Envelope       | 3B - Integrated Project         | 3C - Substitutions: All         |                  |
|       |       | Topic - TBD                  | Delivery: How to do it          | you ever wanted to              |                  |
|       |       | John Vlooswyk,               | wrong                           | know, but were afraid           |                  |
|       |       | Building Envelope            | Cam Munro, CTR                  | to ask**                        |                  |
|       |       | Engineering, Inc.            | Clark Builders                  | Speaker:                        |                  |
|       |       | (Imperial Ballroom 1)        | (Imperial Ballroom 2)           |                                 |                  |
|       |       |                              |                                 | (Imperial Ballroom 3)           |                  |
|       |       |                              |                                 | Note: session will end at       |                  |
|       |       |                              |                                 | 14:55 to allow sponsors to      |                  |
|       |       |                              |                                 | return to booths                |                  |
| 15:00 | 15:30 |                              | <b>Speed Networking Session</b> |                                 |                  |
|       |       | 1                            | networking session and optim    |                                 |                  |
|       |       | , ,                          | mber of professionals with wh   | , ,                             |                  |
|       |       | cross paths. This is a great | opportunity to expand your ne   | twork with fellow delegates,    |                  |
|       |       |                              | speakers, and sponsors!         |                                 |                  |
| 15:30 | 16:30 | 4A - DC: The Power to        | 4B - BOMA BESt –                | 4C - Conflicts in               |                  |
|       |       | Change Buildings             | Sustainable Building            | Construction – Intent vs.       |                  |
|       |       | Brian Patterson,             | Operation, vs. LEED             | Documentation                   |                  |
|       |       | EMerge Alliance              | EBOM                            | Jacques Gauthier, CCCA          |                  |
|       |       | (Imperial Ballroom 1)        | Lia Robinson, BOMA              | Stantec                         |                  |
|       |       |                              | Rachel Wong, Stantec            | (Imperial Ballroom 3)           |                  |
|       |       |                              | (Imperial Ballroom 2)           |                                 |                  |
| 17:00 | 18:00 | Colle                        | ge of Fellows Induction Cer     | emony (Invitation Only)         |                  |
|       |       |                              | Atrium                          |                                 |                  |
| 17:00 | 20:00 |                              | Connections                     |                                 |                  |
|       |       |                              | [Location]                      |                                 |                  |
|       |       | This is your chance to net   | twork and mingle with a wide    |                                 | cal construction |
|       |       |                              | industry and from acro          |                                 |                  |
| 20:00 | 24:00 |                              | Conference 2014 Hos             |                                 |                  |
|       |       |                              | [Location]                      |                                 |                  |
|       | 1     | Hamilton-Niggara, Grand      | Valley and Toronto Chapters I   | look forward to inviting you to | Conference 20    |

• Please note, all session topics and times subject to change. Last updated November 21, 2012

| Start | End                     |  |  |  |            |  |  |  |  |
|-------|-------------------------|--|--|--|------------|--|--|--|--|
|       |                         |  | Friday, May 24, 2013                                     |  |            |  |  |  |  |
| 07:30 | 17:00                   |  | Registration   |  |            |  |  |  |  |
| 07:15 | 00.45                   |  | [Location<br>Breakfast for Delegates                     |  |            |  |  |  |  |
| 07:15 | 08:45                   |  | [Location  | •  |            |  |  |  |  |
| 07:15 | 08:45                   |  | College of Fellows Breakf                                | -  |            |  |  |  |  |
|       |                         |  | Atrium   |  |            |  |  |  |  |
|       |                         |  | echnical and Product Repres                              |  |            |  |  |  |  |
|       |                         | ssions 2C, 3C, 6C and 7C have<br>edule allows sponsors to atte |  |  |            |  |  |  |  |
|       | The sche                |  | her sessions during networ                               |  | onierence  |  |  |  |  |
|       |                         | <b>g</b>   | Delegates Program  | <b>y</b>   | Companions |  |  |  |  |
|       |                         |  |  |  | Program    |  |  |  |  |
| 09:00 | 10:00                   | 5A - NFPA 80 and Code  | 5B - BIM and Spec  | 5C - Architectural Glass:                              | [ ]        |  |  |  |  |
|       |                         | Changes to Fire Rated  | Software: What is on                                     | Right Now!   |            |  |  |  |  |
|       |                         | Doors Don Longtka DDL Crown                                    | the market? What does it really do?                      | Greg Saroka,<br>Goldray Industries                     |            |  |  |  |  |
|       |                         | Don Lopatka, DDL Group<br>(Imperial Ballroom 1)                | Beth Stroshane,  | (Imperial Ballroom 3)                                  |            |  |  |  |  |
|       |                         | (Imperial Ballioom 1)  | ZGF Architects   | (Imperial ballioom 5)                                  |            |  |  |  |  |
|       |                         |  | (Imperial Ballroom 2)                                    |  |            |  |  |  |  |
| 10:00 | 10:30                   |  | Speed Networking Session                                 |  |            |  |  |  |  |
|       |                         |  | networking session and optim                             |  |            |  |  |  |  |
|       |                         |  | mber of professionals with wh                            |  |            |  |  |  |  |
|       |                         | cross paths. This is a great                                   | opportunity to expand your ne                            | etwork with fellow delegates,                          |            |  |  |  |  |
| 10:30 | 11:30                   | 6A - Arctic House: A   | speakers, and sponsors!  6B - Consequential              | 6C - What a Spec Writer                                |            |  |  |  |  |
| 10.50 | 11.50                   | Northern Net Zero Case   | Damages  | Really Wants, and How                                  |            |  |  |  |  |
|       |                         | Study  | Speaker – Jane Sidnell,                                  | a Product Rep Can                                      |            |  |  |  |  |
|       |                         | David Silburn,   | J.D., B.Tech, Partner,                                   | Provide It**   |            |  |  |  |  |
|       |                         | Southern Alberta Institute                                     | Fraser Milner Casgrain                                   | Tom Newton, Tom Newton                                 |            |  |  |  |  |
|       |                         | of Technology<br>(Imperial Ballroom 1)                         | (Imperial Ballroom 2)                                    | Specifications Inc., and<br>Terry Johnson, FCSC        |            |  |  |  |  |
|       |                         | (Imperial Ballioom 1)  |  | Terry Johnson &  |            |  |  |  |  |
|       |                         |  |  | Associates, Inc.                                       |            |  |  |  |  |
|       |                         |  |  | (Imperial Ballroom 3)                                  |            |  |  |  |  |
| 11:45 | 13:45                   |  |  |  |            |  |  |  |  |
|       |                         |  | Luncheon   | OVA  |            |  |  |  |  |
|       |                         | Humour at Work -   | [Location] - Michael Kerr                                | OW.  |            |  |  |  |  |
|       |                         | Keynote Speaker  |  | Building Solutions                                     |            |  |  |  |  |
| 14:00 | 15:00                   | 7A - Firestopping and  | 7B - Public Private                                      | 7C - Session Title –                                   |            |  |  |  |  |
| 1     | 15.00                   | Effective  | Partnerships   | TBD**  |            |  |  |  |  |
|       |                         | Compartmentation:  | Speakers: David Clinckett,                               | Marion Wright  |            |  |  |  |  |
|       |                         | <b>DIIM Saves Lives</b>  | Calgary Catholic School                                  | (Imperial Ballroom 3)                                  |            |  |  |  |  |
|       |                         | Bill McHugh, Jr., Ken  | Division, and Kees                                       | No. of the second                                      |            |  |  |  |  |
|       |                         | Slama, Randy Perry<br>FCIA                                     | Cusveller, VP Business Development &                     | Note: this session will end at 14:55 to allow sponsors |            |  |  |  |  |
|       |                         | (Imperial Ballroom 1)  | Preconstruction Services,                                | to return to their booths                              |            |  |  |  |  |
|       |                         | , , , , , , , , , , , , , , , , , , ,                          | Graham Construction                                      |  |            |  |  |  |  |
|       |                         |  | (Imperial Ballroom 2)                                    |  |            |  |  |  |  |
| 15:00 | 15:30                   |  | Speed Networking Session                                 |  |            |  |  |  |  |
|       |                         |  | networking session and optim                             |  |            |  |  |  |  |
|       |                         |  | mber of professionals with wh                            |  |            |  |  |  |  |
|       |                         | cross pairis. Triis is a great                                 | opportunity to expand your ne<br>speakers, and sponsors! | etwork with Jellow delegates,                          |            |  |  |  |  |
|       | speakers, ana sponsors! |  |  |  |            |  |  |  |  |

• Please note, all session topics and times subject to change. Last updated November 21, 2012

|                         |                         | Frida  | y, May 24, 2013 - co  | ntinued   |                       |
|-------------------------|-------------------------|--|---|---|-----------------------|
| 15:30<br>16:30<br>17:30 | 16:30<br>17:30<br>23:00 | 8A - Tile Installation<br>Products that Best Fit<br>the Application – Say<br>Hello to ISO 13007!<br>Pierre Hébert,<br>Mapei<br>(Imperial Ballroom 1) | 8B - Change Orders and Productivity Steve Revay, FCSC Revay and Associates (Imperial Ballroom 2)  Breach Fun Night [Location] Sponsored by: | d 8C - Continuous Insulation - Overall Effective R value of Exterior Walls Scott Croasdale, JRS Engineering (Imperial Ballroom 3) |                       |
| Start                   | End                     | <u> </u>   |   |   |                       |
| Start                   | EIIU                    |  | Catanalan Man 25 20   | 212   |                       |
| 07.15                   | 00.17                   |  | Saturday, May 25, 20  |   |                       |
| 07:15                   | 08:45                   |  | Breakfast for Delegat<br>/Locat   | =   |                       |
| 07:45                   | 08:45                   | Contract Administrators  |   | Specification Practitioners Me  | eeting – [[ ocation]  |
| 07.43                   | 00.43                   | You don't have to be a CCCA  |   | You don't have to be a CSP to at  |                       |
|                         |                         | Please have breakfast before   |   | Please have breakfast before cor  | ming to the meeting   |
|                         |                         |  | Delegates Program   |   | Companions<br>Program |
| 09:00                   | 10:15                   | This is your oppor   | CSC Members' Forum [Location] tunity to ask questions of t  |   | Free time             |
| 10:15                   | 10:30                   | , , ,  | Break   |   |                       |
| 10:45                   | noon                    | (  | SC Annual General Mee   | ting  |                       |
|                         |                         |  | [Location]  |   |                       |
|                         | 40.00                   | Members only.  | Meeting includes chapter-   |   |                       |
| Noon                    | 13:30                   |  | Annual Award  |   |                       |
|                         |                         | Recoanize and conaratulate   | -   | for their dedication and commitr  | ment to CSC and the   |
|                         |                         | 3  | construction  |   |                       |
| 13:30                   | 18:00                   |  | Free T  |   |                       |
|                         |                         |  |   | ll down Stephen Avenue Mall for   |                       |
|                         |                         | arınk on a patio or play the   | outaoor piano, waik along<br>and get gussied up for   | the Bow River and admire the Pe   | eace Briage, or relax |
| 18:00                   | 19:00                   |  | President's   |   |                       |
| 10.00                   | 13.00                   | Ple  |   | ecommended for this event   |                       |
|                         |                         |  | [Locat  | ion]  |                       |
|                         |                         |  | Sponsor   |   |                       |
| 19:00                   | 01:00                   |  | Presiden  |   |                       |
|                         |                         | Ple  | ease note: formal attire is r<br>Locat]   | ecommended for this event   |                       |
|                         |                         |  | Sponsor   |   |                       |
| Start                   | End                     |  | эропзог   |   |                       |
|                         |                         |  | Sunday, May 26, 20  | 13  |                       |
| 07:30                   | 10:30                   |  |   | Delegates and Companions  |                       |
|                         |                         |  | [Locat  | ion]  |                       |
|                         |                         | Th   | anks for coming! See yo   | u in Kitchener next year!   |                       |
|                         |                         |  | uning for commignatory  | <u> </u>  |                       |

• Please note, all session topics and times subject to change. Last updated November 21, 2012



# CSC CONFERENCE REGISTRATION FORM May 22 – 26, 2013

Hyatt Regency Calgary Calgary, Alberta

# please print



| First Name:  |                                    |                                  | I                                    | Last Nai | me:   |                          |                             |
|--|------------------------------------|----------------------------------|--------------------------------------|----------|---|--------------------------|-----------------------------|
| Title:   |                                    | Organiza                         | ation:                               |          |   |                          |                             |
| Address:   |                                    |                                  |                                      |          |   |                          |                             |
| City:  |                                    | Province/S                       | tate:                                |          |   | Postal Code/Z            | Zip:                        |
| Telephone:   |                                    | Fax:                             |                                      |          |   | E-mail:                  |                             |
| Name for Badge (please prin  | nt):                               |                                  |                                      |          |   | Chapter:                 |                             |
| Full Name of Companion (i  | f registering                      | g):                              |                                      |          | Cor   | npanion E-mail:          |                             |
| Are you a CSC or CSI Mem   |                                    |                                  |                                      |          |   | _                        | ference?                    |
| REGISTRATION FEE   | S All f                            | ees are in g                     | Canadian Dolla                       | ars      | PAYM  | IENT                     |                             |
| Full Conference registration fe  |                                    |                                  |                                      | 1        | Delegate re   | egistration fee:         | \$                          |
| scheduled luncheons/breakfasts   | , Fun Night a                      | and President                    | s Ball                               |          | ** Compa  | nion Registration fee    | \$                          |
| Companion Fees include all so<br>on Companion schedule, tours/   |                                    |                                  |                                      |          | Additional  | -                        | \$                          |
| President's Ball   | UNTIL                              | AFTER                            | ON-SITE                              |          |   |                          |                             |
|  | APRIL 15                           | APRIL 15                         | (subject to availa                   |          | Sub Tota  | al:                      | \$                          |
| Members (full Conference)<br>Members (Single day)  | \$ 495.00<br>\$ 250.00             | \$ 570.00<br>\$ 300.00           | \$ 650.00<br>\$ 375.00               |          |   | (R10697097)              | \$                          |
| Indicate day: ☐ Thursday ☐   | □ Friday                           |                                  |                                      | т        | OTAL 4  | AMOUNT                   | \$                          |
| Non-Member (full Conference) Non-Member (Single day)   | \$ 300.00                          | \$ 670.00<br>\$ 350.00           | \$ 750.00<br>\$ 400.00               |          | OTAL  | MOONI                    | Ψ                           |
| Indicate day: ☐ Thursday   | □ Friday                           |                                  |                                      | P        | PAYMEN  | NT METHOD                |                             |
| * Student (full Conference)  | \$ 250.00                          | \$ 295.00                        | \$ 395.00                            |          |   |                          |                             |
| * Student (Single day) Indicate day:   Thursday  | \$ 40.00<br>□ Friday               | \$ 50.00                         | \$ 75.00                             |          | Cheque (P   | ayable to CSC) #         | <del></del>                 |
|  | _ I many                           |                                  |                                      |          | Visa  | ☐ MasterCard             | ☐ American Express          |
| ** Companion Additional Companion  | \$ 425.00<br>\$ 495.00             | \$ 470.00<br>\$ 570.00           | \$ 595.00<br>\$ 650.00               |          |   |                          |                             |
| ► Single day registrations inclu   | ide technical                      | sessions                         |                                      | Ca       | ard Numbe   | r:                       |                             |
| & scheduled lunch only.  |                                    |                                  |                                      | Ex       | xpiry Date:   |                          | Security code               |
| ADDITIONAL TICKETS Full conference and companion each of the following, order add  |                                    |                                  |                                      | Da       | ate:  |                          |                             |
| FUN NIGHT \$150.00   |                                    | NT'S BALL                        | \$ 95.00                             | Si       | onature.  |                          |                             |
|  |                                    |                                  | Ψ > 5.00                             |          | .g  |                          |                             |
| # of tickets required: # of tickets required:  |                                    |                                  |                                      |          | Registered "Delegates" will not be permitted on the |                          |                             |
| IMPORTANT:   |                                    |                                  |                                      | Co       | ompanions   | program.                 |                             |
| Please send payment with regis<br>will receive confirmation of the<br>All registrations are non-refund<br>conference dates. Cancellation | eir registration<br>lable/non-trar | ns via fax/e-r<br>nsferable witl | nail, or post.<br>nin 2 weeks before |          | architectu<br>required                              | re, engineering, or tecl | - space is limited and must |
| a \$100 cancellation fee will be   | -                                  |                                  | <i>6</i> ··· ··                      | **       | -   | -                        | gate registration: each     |

Mail/fax to:**CSC (Construction Specifications Canada)**, 120 Carlton Street, Ste 312 Toronto, Ontario, M5A 4K2 Telephone 416-777-2198, Fax 416-777-2197 (Toronto) 800-668-5684 (Canada) Web site: www.csc-dcc.ca

additional Companion will be at Delegate rate.



Sponsored by

# sc 35<sup>th</sup> annual no frills tradeshow

# Monday, March 4, 2013

METRO TORONTO CONVENTION CENTRE CONSTITUTION HALL, NORTH BUILDING 255 Front Street West, Lower Level, Room 105

1:15 pm to 6:00 pm

**1 day. 5 hours.** THE BEST one-day show

This year's tradeshow will feature

a product demonstration from

Tradeshow attendees will have a chance to WIN

an iPad! (Draw will be held at 5:45 pm at the show)

If you want to stay up-to-date in the building construction industry

# you cannot afford to miss this show!

maximize your time... all in one afternoon

# trade show luncheon

A Vision for **Toronto** 

featuring guest speaker **David Miller** 



# luncheon space is limited!

To purchase luncheon tickets, please contact:

Donna Fournier, Administrator tel/fax: 1.888.494.9350

email: djfournier@csctradeshow.com

# CSC lecture series

1:30 pm Smart & Connected Real Estate 3:00 pm **Controlling Light and Heat with** 

Architectural Glazing Systems

Legal Update

# students

Attend a FREE 45-minute seminar on the profession of specification writing

time: 2:15 - 3:00 pm location: Constitution Hall,

Metro Toronto Convention Centre

(North Building) 255 Front Street West. Lower Level, Room 104

Please confirm your attendance with

Donna Fournier at: tel/fax: **1.888.494.9350** 

email: difournier@csctradeshow.com

**225 exhibitors.** in the construction industry!

architects, designers, specification writers, engineers, technologists, property owners, contractors, developers, architects, designers, specification writers, engineers, technologists, property owners, contractors, developers, architects, designers, specification writers, engineers, technologists, property owners, contractors, developers, architects, designers, specification writers, engineers, technologists, property owners, contractors, developers,

Visit our website for more details: www.csctradeshow.com



# **TRADE SHOW 2013**

Monday, March 4, 2013

|  | F   | Registration Fo   | orm and Invo                                | oice   |
|--|---|---|---|--|
|  | tration form must have full<br>and name of person in your<br>rticipation. |   | Date Stamp                                  |  |
| Organization                                   |   |   |   | Registration #                                     |
| ddress   |   |   |   |  |
| City   |   | Postal Code   |   |  |
| elephone No.                                   | Fax No.   |   | E-Mail Address                              |  |
| ontact Person                                  |   |   |   |  |
|  |   | Please correct maili  | ing label as necessa                        | ry   |
| Don't be late<br>gistration Dea<br>February 1, |   | idicate type of table an<br>ble type is on a paid fir                 | rst come, first served                      | d basis.   |
| <b>□.</b> □.                                   | A. I. T. I. ( )   |   | CSC Memb                                    |  |
| 1  | ( )   |   |   |  |
| 1  |   |   |   |  |
| <b>」</b> 1 <b>□</b> 2                          | Wall Tables(s) with Ele   | ctrical Service   | \$1000.00                                   | ea\$1280.00 ea                                     |
|  | Guest Speaker Lunch   | eon 🗌 \$475.00 Table of   | 8 \$65.00 pe                                | er person + HST                                    |
|  | Wine Sponsor  | \$300.00 + HST  |   |  |
| ancellation Policy: /                          | A \$100 administration charge   | will be deducted from all refunds of                                  | exhibitor ADD - 1                           | 3% HST # 106970973RT                               |
| o .  | ceipt of an exhibitor's request<br>later than Friday, December 1          | for cancellation. Cancellation reque<br>4, 2012 will not be refunded. | ests that are                               | TOTAL: \$  |
|  |   | Mail registration fo  | orm with cheque to:                         |  |
| I would  | Yes!<br>like to be a  | Toronto Chapt<br>131 Corbett D<br>Pontypool, ON                       | er Trade Show<br>rive, P.O. Box 349         |  |
| -  | iker Luncheon   |   |   | C Toronto Trade Show<br>ed cheque is your receipt. |
| My payment is enclo                            | osed with my registration.  | To pay by credit ca   | ard, please register or eshow.com/forms.htm | n line at:   |

www.csctoronto.ca 32 February 2013

# **CSC Toronto Chapter Nominations and Elections**

The Toronto Chapter Nominating Committee presents the slate of officer's positions for election for the 2013/2014 Toronto Chapter Executive, in accordance with the by-laws of CSC.

We invite you to make additional nominations using the form below. Be sure to have your nominee's signed consent and proper number of nominators for each office.

Nominations should be mailed to: Donna Fournier, Secretary, CSC Toronto Chapter P.O. Box 349, Pontypool, ON, L0A 1K0

The form must be postmarked or facsimile date stamped no later than March 15, 2013 to be valid.

# **Nomination Form**

- Director
- Vice –Chair
- Architectural Officer
- General/Trade Contractor Officer
- Engineering Officer

- O Interior Design Officer
- Manufacturer/Supplier Officer
- Professional Development Officer
- Specifications Officer

# THREE NOMINATORS ARE REQUIRED FOR EACH OFFICE. USE A SEPARATE FORM FOR EACH NOMINATION

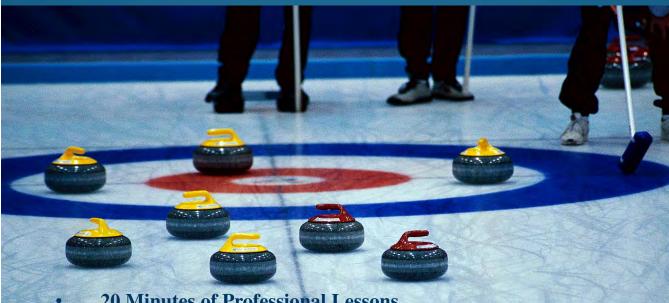
| Name | e of Nominee:                   | Membership Classification: |             |                           |
|------|---------------------------------|----------------------------|-------------|---------------------------|
| (1)  |                                 |                            |             |                           |
|      | Nominator's name (please print) | Signature                  |             | Membership Classification |
| (2)  |                                 |                            |             |                           |
|      | Nominator's name (please print) | Signature                  |             | Membership Classification |
| (3)  |                                 |                            |             |                           |
|      | Nominator's name (please print) | Signature                  |             | Membership Classification |
|      | I AGREE TO SERVE                | IN THIS OFFICE             | IF ELECTED: |                           |
| Nomi | nee Signature:                  |                            | Date:       |                           |
|      |                                 |                            |             |                           |

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# Thursday, February 28, 2013. 5th ANNUAL CURLING BONSPIEL



- 20 Minutes of Professional Lessons
- Six ends of Curling
- **Must wear Sports Attire**
- **Bring Curling Shoes or Clean Running Shoes (No Leather Soles)**
- Bring your Curling Broom if you have one
- **Business Casual Dinner (no jeans/running shoes)**
- Famous Roast Beef Dinner (please advise of dietary constraints)

Location: Toronto Cricket, Skating & Curling Club 141 Wilson Avenue, Toronto, ON. M5M 3A3. Curling & Dinner: \$70.00 per person + HST

Curling: 2-4 pm – Cocktails (Cash Bar) 4-5 pm – Dinner 5-8 pm





# Thursday, February 28, 2013. 5<sup>th</sup> ANNUAL CURLING BONSPIEL

# **Event Registration**

| Name:   | Email:        |  |  |  |  |  |
|---|---------------|--|--|--|--|--|
| Company Name:   |               |  |  |  |  |  |
| Address:  |               |  |  |  |  |  |
| City:   | Province:     | Postal Code:                               |  |  |  |  |
| Tel:  | Fax:          | Cell:                                      |  |  |  |  |
| ADDITIONAL GUESTS   |               |  |  |  |  |  |
| Name :Name :  |               |  |  |  |  |  |
| Name :  |               | Are your guests part of your team: Yes/No. |  |  |  |  |
| PAYMENT INFORMATION*  |               |  |  |  |  |  |
| Payment method:   | Visa: Cheque: | Sponsorship Voucher:                       |  |  |  |  |
| • Registration and payment by credit card is only through Karelo at www.csctoronto.ca   |               |  |  |  |  |  |
| • Registration and payment by Sponsorship; please send this form to the address below   |               |  |  |  |  |  |
| • Registration and payment by cheque; please send this form and payment to the address  |               |  |  |  |  |  |
| below   |               |  |  |  |  |  |
| GOLD, PLATINUM AND DIAMOND CHAPTER SPONSORS HAVE TWO FREE TICKETS   |               |  |  |  |  |  |
| TO THIS EVENT. NO ADJUSTMENTS OR REFUNDS WILL BE ISSUED FOR NON-USE   |               |  |  |  |  |  |
| FINAL BILLING   |               |  |  |  |  |  |
| I am registering: persons @ \$79.10/each (\$70 + \$9.10 HST)  |               |  |  |  |  |  |
| Signature:  |               |  |  |  |  |  |
|   |               | be issued) Date:                           |  |  |  |  |
| Construction Specifications Canada Toronto Chapter; P.O.Box 349. Pontypool, ON. L0A 1K0.  Phone/Fax 1 888 494 9350 - djfournier@csctoronto.ca - www.csctoronto.ca |               |  |  |  |  |  |

# Curling & Dinner \$70.00 per person + HST

\*cancellation fee of \$10.00 p/p applies

www.csctoronto.ca 35 February 2013

# 2012/2013 Executive Committee

#### **Chapter Director**

Steve LeBlanc, CTR CGI Contract Glaziers Tel: (416) 659-6018 sleblanc@contractglaziers.com

#### Vice-Chair

Mark Clemmensen, B.Arch, RSW, LEED AP TechSpecs Consulting Tel: (905) 442-4034 mark@techspecsconsulting.com

#### **Specifications Officer**

Matthew Roberts, MAATO, RSW, CDT, Assoc. AIA B+H Architects Tel: (416) 596-2299 matt.roberts@bharchitects.com

#### **Membership Committee Officer**

Stacey Bogdanow W.R. Meadows of Canada Tel: (905) 878-4122 sbogdanow@wrmeadows.com

#### **Program Committee Officer**

Bruce Hudson, CTR Sika Canada Inc. Tel: (905) 795-3177 hudson.bruce@ca.sika.com

### Manufacturer/Supplier Officer

Brian Baird, CTR DOW Building Solutions Tel: (416) 540-7382 bkbaird@dow.com

#### **Architectural Officer**

Brian L Abbey, Technologist OAAAS. M.A.A.T.O. BSSO. A.Sc.T. CSC. BCQ. Adtek Building Consultants Tel: (416) 932-3278 brian.abbey@adtekbuilding.com

# Media Committee Officer (Newsletter Editor)

Juste Fanou, LEED AP BD+C Parkin Architects Tel: (416) 467-8000 juste.fanou@gmail.com

#### **Chapter Chair**

Russell Snow, CTR, CSP, BSSO, LEED AP W.R. Meadows of Canada Tel: (905) 878-4122 rsnow@wrmeadows.com

#### Treasurer

Paraic Lally Roxul Inc Tel: (905) 467-5220 paraic.lally@roxul.com

#### **Professional Development Officer**

Paul Wong, B. Arch. Sci., A. SC. T. Petroff Partnership Architects Tel: (647) 273-8609 pwong.csc@gmail.com

#### **Membership Committee Officer**

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