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Have an **IDEA** for the
Specifier?

**We would love to hear
 from you!**

Announcements, upcoming events, or technical articles are welcome and encouraged!

Any submissions for the Specifier can be emailed for review and we will do our best to get it into print. Deadlines are the last Friday of the month for the following month's newsletter.

Share your knowledge -
this is YOUR industry!

Lori Elling, Newsletter Editor

lori@archidocs.ca

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BREAKFAST MEETING

RCABC GUARANTEE STANDARD FOR PLAZA DECK WATERPROOFING

Presented by:

Jim Watson, PRC, RRO (soon to be retired) Technical Manager, RCABC

This presentation is about the "new" (2010) RGC guarantee standards for waterproofing systems on plaza decks including hot fluid applied rubberized asphalt, which is the first liquid applied membrane system ever accepted in the RGC guarantee program. There will be a broader discussion on the various membrane systems, design requirements and waterproofing details that form part of the RCABC Guarantee Standard. This will include waterproofing systems with over burdens that are difficult to remove (slit-slab, etc.) and require permanent electronic monitoring systems placed on top (wet side) of the membrane.

Jim Watson has been active in the commercial roofing industry for over 40 years. He is a trade qualified journeyman. Jim was a President for 16 years of a RCABC member commercial contracting firm on Vancouver Island prior to his current position as RCABC Guarantee Corp (RGC) Technical Manager. Jim has been directly involved with RCABC for over 26 years. At RCABC today, Jim makes good use of both his paid and volunteer roofing industry experience by managing the associations guarantee program as well as providing technical services and advice on British Columbia roofing issues.

Agenda:
 7:00-7:45 am—Breakfast (buffet style)
 7:45-8:00 am—Chapter Business
 8:00-9:00 am—Guest Speaker Presentation

Location: Sandman Inn, 180 West Georgia, Vancouver
 (through the restaurant at the back of Moxie's)

Cost: \$32.00 for pre-registered CSC Members / Association Exec. Directors
 \$48.00 for guests and CSC members who have not pre-registered

Parking: *Sandman Hotel Parking:* Enter off Cambie Street, pass the Sandman Hotel Breezeway, underground parking to the left, press buzzer to access parkade and take elevator to restaurant level. *Cost is \$1.25 per 15 minutes.* *Easy Park:* Across the street on the corner of Georgia and Cambie Streets. *Cost is \$1.50 per 30 minutes.*

Skytrain: Exit at Stadium-Chinatown Station. Walk 2 minutes.



Note that our monthly meetings are approved for an educational unit credit by AIBC and are conveniently scheduled at breakfast so as not to conflict with normal business hours.

Register online at <http://vancouver.csc-dcc.ca> or fill out the form here

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...

2011 PROGRAM

*All Meetings are (U.N.O.):
7 am Breakfast
Sandman Inn, Vancouver*

FEBRUARY 23-24

BUILDEX

Convention Centre West,
Vancouver

MARCH 17

*The Village on False Creek Tour
Roger Bayley, B.E., Structural P.Eng.
Roger Bayley Inc.*

APRIL 21

**RCABC Plaza Deck
Waterproofing Standards**
*Jim Watson, Technical Manager
RCABC*

MAY 19

*Design of the Onshore Works for
the Port Mann/Highway 1 Project
Chris Mealing, PEng, VP
Hatch Mott McDonald
Project Manager, PMH1 Onshore
Design Group*

MAY 25-29

**CSC National
Conference 2011**

"Juggling Changes"
Downtown Delta Hotel
Montreal, Quebec

JUNE 16

**Vancouver Chapter Social Event
+ AGM - CSC Members Only**

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market research	green building consulting	post occupancy evaluation
policy development	integrated design process	training & education
business consulting	energy modelling	
cost analysis		

Advertising: Newsletter & Website

Every month, the Specifier features a classified section. Advertise your business with us!

This will provide you with the opportunity to advertise within the industry in the newsletter and on the CSC Vancouver website.

For the cost of:
\$225 - Members
\$250 - Non Members

You will receive advertising space on the second page of the Specifier and on the CSC chapter website. The ad will be placed in 1 issue of the Specifier and reside on the website for 1 month. Ads must fit on one page only and are not limited to copy content or visual features. Other publications such as ours typically use this space for employment opportunities etc. and this is one type of advertising we are looking for.

If you are not sure whether the Specifier would be an appropriate tool for you, please email me with your questions.

So, if you would like to advertise, or have any questions, please let me know. All advertising content is subject to pre-approval by the responsible CSC Committee.

Best Regards,

Lori Elling
Newsletter Editor

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

WORDS FROM THE CHAIR



I'm so excited about spring this year, it's that time of year when I like to get outside & enjoy the fresh air! So this year I am going to get back out on the water! Its Dragon Boat season and this is a big year for me, as I am going back to paddling, for the past 7 or so years I have been the drummerI have been sitting right

up front of the 22 person boat & telling people what to do....someone...once referred to me as BELLO...Not MELO as in "ODIE".....how embarrassing!! Anyway it is the end of working out my lungs & lounging up front, working on my tan, it's time for a little exercise!

Paddles Up!!

What's up with CSC April?

- April 15th – Last day of Early bird rate for CSC National Conference “Juggling Changes” Montreal May 25th –29th [Click here for more information and to register](#)
- Membership renewal- Please renew if you haven't already done so.
- April 21st Breakfast Meeting - RCABC GUARANTEE STANDARD FOR PLAZA DECK WATERPROOFING, Presented by Jim Watson, PRC, RRO Technical Manager, RCABC.
- Volunteers; It is also that time of year when we are looking for members to step up and volunteer a little time to the association, don't be shy, we really could use the help, ask anyone of us, if you could spare a bit of time!

Looking forward to see you soon at one of our upcoming events!

Melodie Schwartzman, CTR, LEED AP
 architectural solutions specialist CGC INC
CSC Vancouver Chapter Chair

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EDUCATION REPORT

The Education Committee is pleased to announce that the Specifier 2 Course starting on April 9th is now completely full. The course was in fact slightly over subscribed so we already have 3 students committed to the next course offering.

The Construction Contract Administration (CCA) course and the Technical Representative (TR) course will be offered in the Fall of this year and Principals of Documentation (PCD) will be offered in Winter 2012.

If there is anyone out there that is qualified, and would like to teach some of the CCA course, please contact me as we are looking for assistance in this area.

Regards,
Nathan Thompson - CTR , Cultured Stone@/CSI, Inc.

If you or your colleagues have any interest in taking these courses with us, please let us know by contacting our Education Officer, Nathan Thompson, CTR at n.thompson@canadianstone.com



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BUILDING OF THE MONTH

Nanyang Technological University School of Art, Design and Media (NTU-ADM), Singapore

This 5 story, 18,000 sq.m. facility with an all glass façade, incorporates a high performance building envelope that reduces solar gain and heat load while allowing the benefits of natural views and daylight into creative spaces.

The curving green roofs distinguish the building from among the other structures on campus but the line between landscape and building is blurred. They serve as informal gathering spaces challenging linear ideas and stirring perception.

The roofs create open space, insulate the building, cool the surrounding air and harvest rainwater for landscaping irrigation. Planted grasses mix with native greenery to colonize the building and bond it to the setting.

The \$35.39 million dollar project was designed by CPG Corporation and completed construction in 2006.




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DIVISION 01: GENERAL REQUIREMENTS

Construction Waste Management – BuildSmart
<http://www.metrovancouver.org/buildsmart/>

DIVISION 02: EXISTING CONDITIONS

Demolition / Deconstruction – BuildSmart
<http://www.metrovancouver.org/about/publications/Publications/dlctoolkit08web1.pdf>

DIVISION 03: CONCRETE

Cement Association of Canada
<http://www.cement.ca/>
Canadian Precast Concrete Institute
<http://www.cpci.ca/>

DIVISION 04: MASONRY

Masonry Institute of BC
<http://www.masonrybc.org/>
Masonry Institute (American)
<http://www.masonryinstitute.com>

DIVISION 05: METALS

Canadian Institute of Steel Construction
<http://www.cisc-icca.ca/>

DIVISION 06: WOOD, PLASTICS, & COMPOSITES

Architectural Woodwork Mfrs' Assoc.
<http://www.awmac.com/bcchapters.php>
Western Red Cedar Lumber Association
<http://www.wrcla.org/>

DIVISION 07: THERMAL & MOISTURE PROTECTION

Roofing Contractors Association of BC
<http://www.rcabc.org/>
BC Sheet Metal Workers Associations
<http://www.smacna-bc.org/>

DIVISION 08: OPENINGS (DOORS, WINDOWS)

Steel Door Institute
<http://www.steeldoor.org/>
Canadian Steel Door Manufacturers Assoc
<http://www.csdma.org/>
Door Hardware Institute
<http://www.dhi.org/>
Glazing Contractors Association of BC
<http://www.gca-bc.org/>

DIVISION 09: FINISHES

Association of Wall and Ceiling Contractors of BC
<http://www.awccbc.org/>
Gypsum Association
<http://www.gypsum.org/>
Master Painters Institute
<http://www.paintinfo.com>
Carpet and Rug Institute
<http://www.carpet-rug.org/>
National Flooring Covering Association
<http://www.nfcaonline.ca/>
National Wood Flooring Association
<http://www.nwfa.org/member/>
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CSC EXECUTIVE BIO: George McCutcheon



George McCutcheon was always interested in art and the creation of it. He went to UBC in the late 70s and early 80s, and met this really awesome girl named Ingrid Koenig. They got married, and they both applied to go to art school in Halifax. Unfortunately, only Ingrid got in. But so great was their bond, George went with her and applied to the Technical University of Nova Scotia. Naturally, he was successful. The only reason he didn't get into the art school was because they were mostly just a bunch of hipsters, and though George was (and still is to this day) very hip, he wasn't to the point that was required for the school.

Anyway, George studied architecture there and eventually got a BArch. But it wasn't upon graduation that George realized that he was a real architect. For the architect strives to create and design greatness. While they were in school, George and his wife succeeded in making the most awesome thing they could think of: a baby. They named him Gabriel.

After graduation, George and his family moved back to Vancouver where George got a job at WDCG for a couple of years and then a 10 year stint at Henriquez, where he was a junior architect. He worked on some buildings out at Capilano University (then Capilano College). Many years later, after having a second son named Carmine, George decided to work somewhere else. He then began a gig at David Nairne & Associates, where he did a lot of traveling around the province and worked on some sweet First Nations projects and other cool stuff. However, George was soon called to another job at Acton Ostry where he did some heritage work. Then it was on to Ramsay Worden Architects where he worked as a project administrator on a whole bunch of buildings, from concrete apartments at UBC to wood frame apartments.

In 2010, George decided that it was time to take his career to the next level. He created his own company and wanted to name it Plan. His backup choice of George's Plan Inc was accepted. To this day, George must constantly decline work because he is so busy. He loves to travel and finds some kind of satisfaction in improving his home for his awesome family, who loves him very much. Like most architects, George's ultimate dream is to design his own house. When asked whether his house would have a ballroom, he responded, "Obviously."

George McCutcheon loves art and design and enjoys being creative on the job. When his work doesn't allow him to vent creatively, he falls back on developing his greatest project to date: his two sons.

George McCutcheon
Program Officer 2010-11
CSC Vancouver Chapter



Joe McDermid, CTR
Director - Sales & Marketing

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TECH NOTES

Passive House, aka "PassivHaus"

From Wikipedia, the free encyclopedia



The term passive house (Passivhaus in German) refers to the rigorous, voluntary, Passivhaus standard for energy efficiency in a building, reducing its ecological footprint. It results in ultra-low energy buildings that require little energy for space heating or cooling. A similar standard, MINERGIE-P, is used in Switzerland. The standard is not confined to residential properties; several office buildings, schools, kindergartens and a supermarket have also been constructed to the standard. Passive design is not an attachment or supplement to architectural design, but a design process that is integrated with architectural design. Although it is mostly applied to new buildings, it has also been used for refurbishments.

Estimates of the number of Passivhaus buildings around the world in late 2008 ranged from 15,000 to 20,000 structures. As of August 2010, there were approximately 25,000 such certified structures of all types in Europe, while in the United States there were only 13, with a few dozens more under construction. The vast majority of passive structures have been built in German-speaking countries and Scandinavia.

History

The Passivhaus standard originated from a conversation in May 1988 between Professors Bo Adamson of Lund University, Sweden, and Wolfgang Feist of the Institut für Wohnen und Umwelt (Institute for Housing and the Environment, Germany). Their concept was developed through a number of research projects, aided by financial assistance from the German state of Hessen.

Standards

While some techniques and technologies were specifically developed for the Passive House standard, others, such as superinsulation, already existed, and the concept of passive solar building design dates back to antiquity. There was also other previous experience with low-energy building standards, notably the German Niedrigenergiehaus (low-energy house) standard, as well as from buildings constructed to the demanding energy codes of Sweden and Denmark.

Construction costs

In Passivhaus buildings, the cost savings from dispensing with the conventional heating system can be used to fund the

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...Passive House, continued

upgrade of the building envelope and the heat recovery ventilation system. With careful design and increasing competition in the supply of the specifically designed Passivhaus building products, in Germany it is now possible to construct buildings for the same cost as those built to normal German building standards, as was done with the Passivhaus apartments at Vauban, Freiburg. On average, however, passive houses are still up to 14% more expensive upfront than conventional buildings.

Evaluations have indicated that while it is technically possible, the costs of meeting the Passivhaus standard increase significantly when building in Northern Europe above 60° latitude. European cities at approximately 60° include Helsinki in Finland and Bergen in Norway. London is at 51°; Moscow is at 55°.

These facts have led a number of architects to construct buildings that use the ground under the building for massive heat storage to shift heat production from the winter to the summer. Some buildings can also shift cooling from the summer to the winter. At least one designer uses a passive thermosiphon carrying only air, so the process can be accomplished without expensive, unreliable machinery.

Design and construction

Achieving the major decrease in heating energy consumption required by the standard involves a shift in approach to building design and construction. Design is carried out with the aid of the ‘Passivhaus Planning Package’ (PHPP), and uses specifically designed computer simulations.

To achieve the standards, a number of techniques and technologies are used in combination.

Traits of Passive Houses

Due to their design, passive houses usually have the following traits:

- The air is fresh, and very clean. Note that for the parameters tested, and provided the filters (minimum F6) are maintained, HEPA quality air is provided. 0.3 air changes per hour (ACH) are recommended, otherwise the air can become “stale” (excess CO2, flushing of indoor air pollutants) and any greater, excessively dry (less than 40% humidity). This implies careful selection of interior finishes and furnishings, to minimize indoor air pollution from VOC’s (e.g., formaldehyde). The use of a mechanical venting system also implies higher positive ion values. [citation needed] This can be counteracted somewhat by opening a window for a very brief time, by plants, and by indoor fountains. However, failure to exchange air with the outside during occupied periods is not advisable.
- Because of the high resistance to heat flow (high R-value insulation), there are no “outside walls” which are colder than other walls.
- Inside temperature is homogeneous; it is impossible to have single rooms (e.g. the sleeping rooms) at a different temperature from the rest of the house. Note that the relatively high temperature of the sleeping areas is physiologically not considered desirable by some building scientists. Bedroom windows can be cracked open slightly to alleviate this when necessary.
- The temperature changes only very slowly - with ventilation and heating systems switched off, a passive house typically loses less than 0.5 °C (1 °F) per day (in winter), stabilizing at around 15 °C (59 °F) in the central European climate.



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...Passive House, continued

- Opening windows or doors for a short time has only a very limited effect; after the windows are closed, the air very quickly returns to the “normal” temperature.

International comparisons

In the United States, a house built to the Passive House standard results in a building that requires space heating energy of 1 BTU per square foot per heating degree day, compared with about 5 to 15 BTUs per square foot per heating degree day for a similar building built to meet the 2003 Model Energy Efficiency Code. This is between 75 and 95% less energy for space heating and cooling than current new buildings that meet today’s US energy efficiency codes. The Passivhaus in the German-language camp of Waldsee, Minnesota uses 85% less energy than a house built to Minnesota building codes.

In the United Kingdom, an average new house built to the Passive House standard would use 77% less energy for space heating, compared to the Building Regulations.

In Ireland, it is calculated that a typical house built to the Passive House standard instead of the 2002 Building Regulations would consume 85% less energy for space heating and cut space-heating related carbon emissions by 94%.

Comparison with zero energy buildings

A net zero-energy building (ZEB) is a building that over a year does not use more energy than it generates. The first 1979 Zero Energy Design® building used passive solar heating and cooling techniques with air-tight construction and super insulation. A few ZEB’s fail to fully exploit more affordable conservation technology and all use onsite active renewable energy technologies like photovoltaic to offset the building’s primary energy consumption. Passive

House and ZEB are complementary synergistic technology approaches, based on the same physics of thermal energy transfer and storage: ZEBs drive the annual energy consumption down to 0 kWh/m2 from the already low PassivHaus criteria of 120 kWh/m2 with help from on-site renewable energy sources. Energy Plus houses Energy-plus-house are similar to both PassivHaus and ZEB but emphasize the production of more energy per year than they consume, e.g., annual energy performance of -25 kWh/m2 is an Energy Plus house.

Tropical climate needs

In a tropical climate, it could be helpful for ideal internal conditions to use Energy Recovery Ventilation instead of Heat Recovery Ventilation to reduce the humidity load of ventilation on the mechanical dehumidification system. Although dehumidifiers might be used, heat pump hot water heaters also will act to cool and condense interior humidity (where it can be dumped into drains) and dump the heat into the hot water tank. Passive cooling, solar air conditioning, and other solutions in passive solar building design need to be studied to adapt the Passive house concept for use in more regions of the world.

There is a certified Passive House in the hot and humid climate of Lafayette, Louisiana, USA, which uses Energy Recovery Ventilation and an efficient one ton air-conditioner to provide cooling and dehumidification.

For details on Passive House, refer to the [Wikipedia article](#). And to the [Passive House Institute US website](#).

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MEMBERSHIP REPORT

Please join me in welcoming two new Members to the Vancouver Chapter of the CSC.

Mr. Sean Greenhill, Mohawk Flush Doors
(a Masonite Company)

Mr. Nathan Morlock,

Rieger Architectural Products West Ltd.

Susan Scobie, Neill F. Cumberbirch Architect / Landmark Architecture


We look forward to seeing you at future CSC events.

Join the Vancouver Chapter of the CSC!

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AROUND TOWN

GVHBA renOVATION AWARDS 2011

The Greater Vancouver Home Builders' Association (GVHBA) is celebrating the finalists and winners at the second annual renOVATION Awards, presented by FortisBC. The renOVATION Awards recognizes excellence in renovation design and construction in Metro Vancouver. The Awards Gala will be held on Friday, April 15 at the Marriott Vancouver Pinnacle Hotel in Vancouver. In addition to celebrating some of the best renovators in Metro Vancouver and enjoying a sumptuous West Coast-inspired dinner, attendees will be entertained by the evening's emcee, the talented and hilarious Roman Danylo. Mr. Danylo has been seen on CBC's 'Just For Laughs', NBC's 'Late Friday', and stars in his own show on the CTV called 'Comedy Inc'. Contact Lorraine Lippiatt, (778) 565-4288
lorraine@gvhba.org www.gvhba.org

RISE & SHINE WITH PURNA YOGA

Join the group of early risers for a fun and energizing yoga class. Alignment based asana, juicy stretches and restorative relaxation: what better way to start your day ! Mixed levels welcome – no previous experience necessary.
Instructor: Laura Arpiainen
44350.201FC \$120/8 sessions Tu May 10-Jun 28 7:00-8:30 am
To register call 604-257-8195 or go to: <http://vancouver.ca/parks/cc/falsecreek/website/index.cfm>

CASCADIA LIVING FUTURE 2011, THE UNCONFERENCE

Cascadia Living Future 2011, the Unconference. The theme for Living Future 2011 is "Our Children's Cities: Visualizing a Restorative Civilization." We have a powerful program lined up, including keynotes by Majora Carter, Sarah Harmer, Margaret Wheatley, and our own Jason McLennan. We also have sessions by some of the leading thinkers and doers in the movement, along with the perennial favorite event 15 Minutes of Brilliance!
April 27 -29, <http://cascadiagbc.org/living-future/11>

ACHIEVING NEW HEIGHTS IN ARCHITECTURAL EXCELLENCE

Can Taller Buildings Set New Standards in Beauty and Sustainability?
FREE PUBLIC LECTURE With special guests Jack Diamond, Diamond and Schmitt Architects, Toronto, and Rick Cook, Cook+Fox Architects, New York City. April 19, 2011 7:30-9:30pm at the Fairmont Hotel Vancouver, 900 Georgia St.

REPORT TO THE VANCOUVER CHAPTER

CONSTRUCTION SPECIFICATIONS CANADA BOARD OF DIRECTORS MEETING MARCH, 2011

By Kelly Sawatzky, Director Vancouver Chapter

Construction Specifications Canada (CSC) is much more than any one chapter. Of course we do a great deal of fundamental work at our chapter level, more is going on across the country than you might think.

You are all aware of our local networking opportunities and course offerings but please take a few minutes to review this report to learn about the initiatives and organizations where CSC is a fundamental part – we really do an awful lot of interesting things for the construction community to foster good documents in particular! Openings may exist if you are interested (please contact me at kellys@kellyspec.com) for work that will put you in touch with people across the country and the world.

EDUCATION

Your Vice-President in charge of Education is Bruce Gillham, CTR CCCA. We have had an exceptional year for education as CSC has offered a revised Specifier 1 course and an on-line beta version of Technical Representative (TR). The revised Specifier 2 is now complete as well. All courses are being continually being evaluated for updating.

Course Registration updates- All Chapters 2010 calendar year

The breakdown of the numbers of students nationally who passed the courses is as follows:

PCD: Principles of Construction Documentation On Line Course
95 students passed In Class Course – 45 students passed
CCA: Construction Contract Administration In Class Course –
39 students passed
TR: Technical Representative In Class Course – 0 On Line Course
– 6 beta students passed
Specifier 1 In Class Course – 54 students passed

Update of Courses Offered and Status of Course Content Reviews

PCD – Principles of Construction Documentation

It was voted and passed that the PCD course is a pre-requisite for all CSC courses.

Technical Representative

As mentioned above, a beta class of the on-line version of the TR course was held for a select group in 2010. Instructors were Steve Leblanc CTR in Toronto and Cam Munro, CTR in Edmonton. The sub-committee is reviewing how to implement the panel presentation (step 3) into the on-line program. In addition, a second session of the on line course is underway with 8 students enrolled.

CCA – Construction Contract Administration

A review of the course content is underway and will be updated where necessary. One of the changes being made right now is that the instructors and students manual will be cross referenced to correspond with each other. Also, the exam will be reviewed to provide instructions and a marking summary. These changes are targeted to be complete by March 31, 2011.

Specifier 2

Specifier 2 has been completed and was revealed at the March 2011 board meeting and ready to be taught there after pending no last minute glitches. It is and still is the intention that Specifier 1 and 2 are independent courses and do not have to be taken in sequence.

On-Line Education

There are currently two courses that have been adapted to the on-line format (Principles of Construction Documentation and Technical Representative). Specifier 1 is being developed for the on-line format. There was a presentation given by the on-line education consultant (Mr. James Klaas) to an enthusiastic response.

Designations

RSW – Registered Specification Writer

The RSW Subcommittee is reviewing several items right now. Firstly, they are considering to having a seat for a CSP designation holder. This will be reviewed at the May meeting of this sub-committee. Secondly, they intend to review the exam questions for the Specifier 1 and 2 courses. Lastly, the Code of Conduct document will also be reviewed during the May meeting during conference 2011.

...Report to the Vancouver Chapter, continued

Please note that the RSW application form was updated and has been posted on the CSC web site.

CSP – Certified Specification Practitioner

The CSP Subcommittee is a new one. They have a new application form that was created along with a Code of Conduct. This designation has been awaiting completion of the Specifier 2 before applications can be submitted for review. However, it should be noted that graduates of the old courses can apply for this designation. Michael Schneider is willing to stay on as sub-committee chair to provide continuity going forward and create an updated committee to review applications.

TR – Technical Representative

As noted above, the TR sub-committee is reviewing how to implement the panel presentation (step 3) into the on-line program.

The number of designations issued January 1 through to December 31, 2010:

CCCA – 8 CTR – 1 RSW – 0

Total designations issued to date are as follows:

CCCA – 122 CTR – 127 RSW – 70

UPCOMING CONFERENCES

2011: (May 25th – 29th) Montreal, Quebec Theme: Juggling Changes

2012: Ottawa, Ontario Theme: Reflections

2013: Calgary, Alberta

2014: (May 28th – June 1st) Grand Valley / Hamilton/Niagara / Toronto, Ontario

2015: Winnipeg, Manitoba

2016: Fredericton New Brunswick

CONSTRUCTION CANADA MAGAZINE

One of our most public works is the publishing of Construction Canada; it is our official publication and is the only national magazine published exclusively to meet the needs of specification writers and design professionals involved in the construction of the built environment.

This year, we are publishing seven issues as opposed to the six issues normally published. The seventh issue is because of the addition of a French language edition and will be

called **Le Magazine Construction**. This edition coming out in May to coincide with the CSC Conference held in Montreal. Aimed at Francophone design/construction professionals, it will contain all-new technical features and Quebec case studies.

Each issue of Construction Canada magazine is uniquely themed, offering in-depth, objective coverage on topics ranging from masonry restoration for historic structures to specifying the correct steel door. However, it should be noted that although there are specific predetermined themes, they could be changed if the industry is particularly interested in something that is currently in demand. All features are written by industry experts to ensure readers get relevant, timely information about materials, methods and documentation. Between four and six articles in each issue address predetermined themes, while the others cover a variety of topics.

Along with hard copy and electronic copy of the magazine Kenilworth Publishing Inc., now also delivers an electronic Construction Canada online newsletter on CSC's behalf. The newsletter is e-mailed twice monthly to about 10,500 recipients. Several CSC Chapters have found the electronic newsletter to be a great way to get the message of upcoming events out to the industry. The editors are always looking for more information from the chapters to include; things like events, guest speakers, etc. To date, only Montreal and Hamilton Niagara have participated, up to you, other Chapters; let's all participate!

Submissions of articles for publication are always welcomed. If you are interested in submitting an article, please email kellys@kellyspec.com and I'll get you in touch with the very helpful editors of the magazine.

TECHNICAL STUDIES

Each of our Vice-Presidents are responsible to oversee portions of the work we do at a National level. Claude Giguere is responsible Technical Studies. Technical Studies involves a lot of the work that we do nationally. The Institute for BIM in Canada, Omniclass, Tek-Aids, CCDC documents all fall under the umbrella of "Technical Studies."

Institute for BIM in Canada

Construction Specifications Canada along with the

...Report to the Vancouver Chapter, continued

Canadian Construction Association (CCA), the Association of Consulting Engineering Companies (ACEC), and the Royal Architectural Institute of Canada have founded a new organization called **Institute for BIM in Canada**. The mission of the organization is: **“To lead and facilitate the coordinated use of BIM in the design, construction and management of the Canadian built environment”**.

To start the institute, constituent organizations will have to invest an amount of \$ 15,000. This expenditure was approved by the Board of Directors.

Role of CSC in BIM

A sub-committee has been formed to define the role of CSC in BIM. A meeting was held last fall and they are preparing a survey for the membership to help define the role of CSC in BIM. Members of the sub committee are:

- Ganesh Bala (Calgary)
- Jonathan Dee (Ottawa)
- Claude Giguere (Montreal)
- Cam Munro (Edmonton)
- Keith Robinson (Edmonton)
- David Watson (Edmonton)

The Technical Studies Committee (TSC)

The Technical Studies Committee (TSC) is made of a series of subcommittees and a group of dedicated individuals who have been appointed to represent CSC on specific tasks.

The TSC volunteers include:

- Theresa Barrett (Toronto)
- Chris Lance (Ottawa)
- William Thompson (Calgary)
- David Watson (Edmonton)
- Len O'Connor (Edmonton)
- Rick Kalenchuc (Saskatoon)
- Bob Rymell (Toronto)
- Tom Dunbar (Ottawa)

The tasks, the appointees and the members of these committees/subcommittees are listed in the table below.

CSC TEK•AID Program

TEK•AID - Environmental “Green” TEK AID has been received by the subcommittee.

TEK•AID - Division 00 - Bidding and Contract Requirements,

and Division 01 - General Requirements Division 00 Digest and master specifications has been received by the subcommittee.

TEK•AID Masonry Suite Comments have been received from Bob Rymell (Toronto). Documents have been sent to John Cooke, FCSC, Ottawa Chapter to obtain his opinion on the document.

Manual of Practice Maintenance Task Team (MOPMTT)

Recently, the TSC volunteers were asked if they are interested to participate in this new subcommittee. The objective of this committee is to maintain an up to date version of the MOP. The first two tasks of this subcommittee are to revise all the definitions of the MOP, providing new definitions as required and to determine a priority list identifying the revision order of the chapters and a revision cycle period (e.g. 4 or 5 years). Once this is done, a rotation of the chapter revisions will start in order to review the total document within the cycle.

This task team is looking for volunteers. Please let me know if you are interested (kelly@kellyspec.com)

CSC - ON OTHER COMMITTEES

CCDC: Walter Strachan (Atlantic), Gary Hartman (Edmonton) CSC Representatives

CCDC 14 - Design Build and CCDC 15 Working Groups are concluding their work on the Guides to those documents. CCDC will be circulating both documents in 2011 requesting endorsement. CSC submitted final comments on these two documents last May.

CCDC has decided to explore the possibility to issue separate documents for the province of Quebec to take into account the civil code instead of the common law. A first meeting has been held in Montreal to determine the possibility to follow that avenue.

OmniClass: Phil Evans (Regina), Peter Semchuk (Edmonton) CSC Representatives

CSC is represented in the OmniClass Business Management Group (BMG) by Phil Evans (Regina) and Nick Franjic. Omniclass is a classification system for the construction industry. OmniClass is useful for many applications, from organizing library materials, product literature, and project information, to providing a classification structure for electronic databases. It incorporates other extant

...Report to the Vancouver Chapter, continued

systems currently in use as the basis of many of its Tables – MasterFormat™ for work results, UniFormat for elements, and EPIC (Electronic Product Information Cooperation) for structuring products.

One of the major decisions that this group has made recently is to adopt a consensus approach to developing our standard.

The OmniClass Development Committee (CSC represented by Peter Semchuk (Edmonton) who is Vice-Chair) is to coordinate the work of each of the tables subcommittees. Note that Wayne Watson (Edmonton) has withdrawn as lead of the Working group for tables 41-Materials and 49-Properties of the OMNICLASS Development Committee. Since the board meeting, Kelly Sawatzky (Vancouver) has volunteered to replace him.

IFD Library: Technical Group - David Watson (Edmonton), and Business Management Group Michael Schneider (Edmonton)

The International Framework for Dictionaries (IFD) Library Technical Group was formed to become the open standard for database information for BIM. This is an international group with partners from Europe and North America.

Latest meeting was held last December in Washington, D.C. IFD Library Group will participate in Conference 2011.

IFD Library Canadian Terminology (IFDLCT)

TSC volunteers were asked if they are interested to participate in this new sub-committee. The objective of this committee is to review and define the Canadian terminology and populate the IFD Library with Canadian terminology. The first tasks of this committee would be:

- Determine the methodology to be followed to review and define the terms.
- Identify and prioritize the list of categories of terms to be reviewed and defined.
- Start to review and define terms in fields determined above.
- Directors are welcome to identify any volunteer they think might be interested to participate.

Construction Industry Terminology Initiative Task Team (CITITT): Tom Dunbar (Ottawa)

CSC - Representative

Current task on HVAC terms is close to completion.

FORMAT Documents - MasterFormat Maintenance Task Team (MFMTT): Keith Robinson (Edmonton) CSC Representative, MasterFormat 2004 - French Translation: Claude Giguere (Montreal)

Although there has not much progress since last board meeting, there has been some divisions that have been updated. Divisions 33, 34 and 35 were completed since the last board meeting. Divisions 09 and 23 are to be completed. Division 09 is 60% complete. Division 23 is 60% complete. New Division 46 and ±100 revisions to titles to be revised for the 2010 edition.

International Construction Information Society (ICIS): John Cooke (Ottawa) CSC Representative

A report from this committee is not currently available. ICIS is an international which provide master specification systems and cost information systems for the construction industry.

MEMBERSHIP

Your Vice-President in charge of Membership is Keith Robinson, FCSC RSW.

As you are all aware, a National membership drive was held over the last few months. In association with that, we had a prize for some lucky sponsors of new members. Winners were drawn on the weekend of the Directors' Meeting.

First Prize of an Apple 64 GB iPad with WiFi+3G or other equivalent prize of similar value went to Terry Johnson, FCSC, Terry Johnson & Associates, Inc. / TSS Inc., CSC Hamilton/Niagara Chapter.

Runners Up Prizes awarded to four additional members consisting of an Apple 32 GB iPod touch or other equivalent prize of similar value go to...

Kaz Kanani, B+H Architects, CSC Toronto Chapter;
Steve LeBlanc, CTR, Contract Glaziers, Toronto Chapter;
Bradley McGill, M.W. McGill & Associates Ltd., Toronto Chapter;
Jeff Thompson, Alumicor Ltd., Winnipeg Chapter.

...Report to the Vancouver Chapter, continued

CSC Membership as of Feb 24, 2011:

At Large	15
Atlantic	73
Calgary	101
Edmonton	167
Grand Valley	37
Hamilton Niagara	32
London	42
Montreal	85
Ottawa	86
Quebec City	28
Regina	74
Saskatoon	78
Toronto	504
Vancouver	155
Vancouver Island	19
Winnipeg	155
Total	1705

MARKETING

Mike Garlinski is the Vice-President in charge of Marketing. The biggest accomplishment over the past few months in this portfolio is the new national website for CSC. In addition, we now have new promotional “kits” for the association and the designations. If you haven’t yet seen them, please contact me for your own kit to promote CSC to others.

The next Director’s meeting will be in September 2011. Please contact me directly with any questions or concerns that you have about the Construction Specifications Canada at the national level or if you’d like to be more involved in the volunteer work of our parent organization.

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CSC BREAKFAST MEETING REGISTRATION FORM

**RCABC Guarantee Standard for Plaza Deck Waterproofing
April 21, 2011**

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Name: _____ Firm: _____
 CSC Member Non-Member AIBC Member (Name & Firm as you wish them to appear on your name badge)

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 CSC Member Non-Member AIBC Member (Name & Firm as you wish them to appear on your name badge)

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 Phone No. (If we have questions)

Complete and Fax this form to 604-291-9482.
Pre-Registration ends at 5:00 PM on Monday before the meeting.
Walk-ins welcome, provided there is room.

Missed the deadline? Did not pre-register? You may still attend at a cost of \$48 per person, space permitting, BUT please call 604-291-1458 beforehand. If you pre-register and do not attend, we may invoice you for the cost of the meeting.

If you have special dietary (meal) requirements, please notify us at least 24 hours before the event.

Questions? Contact Vancouver Chapter Program Officer, (Before April 15th) George McCutcheon at gm@planinc.ca or Vancouver Chapter Vice Chair, Blair Bennet at bbennett@soprema.ca