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the Grand Valley Specifier

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UPCOMING CHAPTER EVENTS

- Lunch Seminar Mar 27/'13
Lighting Forum
- Lunch Seminar Apr 17/'13
Glass Innovations
- Lunch Seminar May 17/'13
Social Media
- Golf Tournament Jun 13/'13
Innerkip Highlands Golf Club
- Brown Bag Lunch .. Jun 26/'13
Year End Executive Meeting

CSC GVC GOLF TOURNAMENT INNERKIP HIGHLANDS GOLF CLUB (JUST ANOTHER DAY AT THE OFFICE...)



CSC's Grand Valley Chapter hosted our annual spring golf tournament at the Innerkip Highlands Golf Club, truly a hidden gem in our local golf circuit.

With early morning rainstorms set to put a damper on the festivities, the CSC Executive each did our own rendition of a sun dance and prayed to the heavens to part the skies for the afternoon... and our prayers were answered. Though some minor spurts of rain showered down during the round, they were welcome relief from the humid spring afternoon. And the downpour held off just in time to see the last group finish off at the 18th hole.

This challenging course got the better of some teams, while others rose to the occasion resulting in a competitive tournament decided in the final holes.

After a hard day at the office, the 19th hole offered any incredible meal served up by the great people at Innerkip Highlands followed by the awards presentation.

A special thank you to all of our hole and prize sponsors for your contributions!

(Sponsors and Award Winners listed on Page 7)

CSC Grand Valley Chapter

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

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CHAIRMAN'S REPORT

(Written by David Boyle on April 28th, 2013... hence the outdated references... further commentary in italics by Carlos Alegre)

Hello spring! (*Ummm, Dave? It's summer now...*) I don't mind telling you that I'm solar powered. I need sun. Lack of sun just makes the days long and the mood low. By the time you read this report, I'm being optimistic that the snow has finally left town (*your prayers were answered*), everything has dried up enough that I don't have to wipe my dog's feet every time they come in from out back, and the golf courses are inviting me to come out and teach the squirrels new swear words.



It's been a tiring but rewarding year. My executive committee has been outstanding and eager to do what it takes to continue the growth of the Grand Valley Chapter. We have had a wide array of luncheon speakers to try and spark your interest and hopefully teach you something new.

We hosted a lighting form, winter perspective on building design, the renovation of 1st Canada Place, to just name a few.

Please remember that we are always looking for new ideas for speakers and we welcome you to let us know what you would like to see.

We have our annual golf tournament coming up in June at the Innerkip Highlands Golf Course. (*SPOILER ALERT: Already happened... and Congrats on the Win, Dave!!*) If you have never been to this golf course before, please come out. This is one of my favorite courses and I can't wait to play it again. Thanks to Bruce Duncan and all his hard work.

Paul Gerber has volunteered to run the PCD course which at this point we are looking at Monday night's being held at the Grand Valley Construction Association in Cambridge. Stay tuned for more information. And once again thank you Paul, for your hard work putting this together.

By the time you read my report, sadly, it will be my last as Chapter Chairman. As of June, I will be on a new journey as 4th Vice President of the CSC Board. It is kind of scary since it's a 6 year commitment, but life is about challenges and this will certainly be that.

I would like to personally thank everyone who was on my executive for their dedication and enthusiasm as well as lending me their ears to vent when I needed too...

I would like to introduce you to my successor, Cathie Schneider who will make 2013/2014 even bigger and better than ever.

Executive members work hard trying to come up with interesting subjects and socials to get YOU, the member to join us for lunch, camaraderie, and education.

Please join us!

Sincerely,

David Boyle

(Former) Chairman

Grand Valley Chapter



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THE SPECIFYING CURMUDGEON'S CORNER

by Paul Gerber CSC, CSI, Specifications Officer

MasterFormat® - What's In A Number?



What if there was no MasterFormat®? How much of an impact would that have on the way we organize and distribute essential information in the Architectural, Engineering and Construction (AEC) industry? Would Specifiers, architects, engineers & other specialty consultants, contractors, subcontractors, technical representatives and owners have to learn a new system of organization every time they worked on a new project? What kind of effect would that have on the quality and delivery of construction projects? How much would that impact the costs associated with doing the work each of us undertakes each day? How would that effect other related classification systems like UniFormat™, if it existed without MasterFormat®? Personally, as someone who has spent 23 years in the AEC industry, and as someone who writes specifications every day; I don't even want to think about it.

Over the past forty-plus years, the system of numbers and titles described in MasterFormat® has been used increasingly by the construction industry. Today, MasterFormat® is by far the most widely used system for organizing construction project manuals in North America; and in many parts of the world. Its system of organizing construction information into Procurement and Contracting Requirements, and technical Divisions of activities and work practices has been applied in every information resource used in design and construction.

I know, many of you who are reading this are thinking "Yeah, ok I knew all of that. So what's your point Gerber?". Well there is some really exciting news about the evolution of MasterFormat® that I just had to share with you! As you may also know, CSC and our colleagues at the Construction Specifications Institute (CSI, our sister organization the US) developed and have maintained MasterFormat® as a joint venture. Through feedback from the AEC industry, particularly the mechanical and electrical engineering community, a need was established for the expansion of the existing 16 Divisions.

Ok, here is the exciting news...the new MasterFormat® 2004 is now the currently accepted system for classifying work results for the AEC industry!! No, wait, the new MasterFormat® 2010 Update is now the currently accepted system for classifying work results for the AEC industry!! Sorry, wrong again, the new MasterFormat® 2012 Update is now the currently accepted system for classifying work results for the AEC industry!! Any of the readers who have gotten to know me over the last number of years may know that I have a slight bent for sarcasm (OK maybe more than a slight bent in some circumstances). And admittedly, the 2010, 2011 and 2012 versions have been minor upgrades and tweaks to the original 2004 major change. Going forward, the MasterFormat® Maintenance Task Team (MFMTT) has established a two year schedule for the updating of the system.

So here is the real crux of my article. Both CSC and CSI have officially stopped supporting MasterFormat® 1995 (MF95) and the 5-digit numbering system. Have you made the switch? I will be the first to "fess up" and say that other than about five projects over the past two years, the firm I currently work for has not converted! And the main reason we did these projects was because they were joint-venture projects with another architectural firm who had made the switch. Whew, I feel better already! But, I will also tell you that the process has been started and we will be using MasterFormat® 2012 (MF12) before the end of 2013.

What is stopping you? Like most human beings, most of us are naturally resistant to change and get caught up in our own comfort zone. "Why do I want to change a system that I am very familiar with, that a lot of other people in the industry are familiar with when it has been working great for the last 18 years and hasn't caused me any problems.". To that statement I ask this, are you doing everything within your business the way you did 18 years ago? Are you using all the same products, systems and construction techniques you were using in 1995, 2000 or 2004? Has the complexity of your projects and their systems increased in that timeframe? I'm sure the answer to this question is no.

I would also offer that as professionals, we are obligated to provide a certain standard of care to our clients, including conformance to latest industry-accepted standards. In my humble opinion, that includes utilizing MasterFormat® 2012 to organize the work results in our project manuals.

Aside from changes to Divisions 2, 15 and 16 of MF95, the changes in Divisions 3 through 14 are not extensive. What has been accomplished with the new 6 digit classification system is a more detailed and standardized system for identifying a location for a particular work result, which takes a certain amount of guesswork out of the equation for both consultants, manufacturers and contractors alike. It also allows for future expandability of the system when new work results (products and/or systems) Here is an example:

In 1995, Thermoplastic Polyolefin (TPO) roofing was not a widely known or used in North America. According to RCI Inc. (Roof Consultants Institute), TPO roofing was introduced to the North American market in the early 1990's. Accordingly, under MF95, the following work results were listed under 07500 Membrane Roofing:

MasterFormat® 1995

07500 Membrane Roofing
 07540 Thermoplastic Membrane Roofing
 07540 Ethylene Interpolymer (EIP) Roofing
 07540 Polyvinyl Chloride (PVC) Roofing
 07540 Thermoplastic Alloy (TPA Roofing)

MasterFormat® 2012

07 50 00 Membrane Roofing
 07 54 00 Thermoplastic Membrane Roofing
 07 54 13 Copolymer-Alloy Roofing
 07 54 16 Ethylene-Interpolymer Roofing
 07 54 19 Polyvinyl-Chloride Roofing
 07 54 23 Thermoplastic-Polyolefin Roofing
 07 54 26 Nitril-Butadiene-Polymer Roofing



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MasterFormat® - What's In A Number? CONTINUED

As you can see, with the new MF12 numbering, there is little confusion or chance of misnumbering the narrow-scope Section number, whereas with MF95 there are a number of possibilities. In MF 95, PVC roofing may be specified in 07500, 07540, 07541 or 07542. Although it may seem somewhat inconsequential, from a contractor's or subcontractors' perspective who have to deal with many, many different consultants' documents, this standardization allows for easy location of the information needed with the project manual of various projects. This standardization lessens the chance of mistakes through not being able to find the appropriate information and doing what the installer thinks is required.

There are some instances where work results have been moved from one Division to another to better align with the work results of that particular Section. Examples of these include:

MasterFormat® 1995

05810 Expansion Joint Cover Assemblies
06415 Countertops and Vanities
11170 Rubbish and Linen Chutes

MasterFormat® 2012

07 95 13 Expansion Joint Cover Assemblies
12 36 23 Plastic Laminate-Clad Countertops
14 91 82 Rubbish and Linen Chutes

In all instances, the increased level of detail have made changes such as these logical and have improved the classification of work results into their appropriate Division.

One thing that must be considered when making the transition from MasterFormat® 1995 to 2012 is that there is no philosophical change (for the most part) in the organization of the work results. Nor is there a required change in the use of broad-scope vs. narrow-scope Sections. If you specified Resilient Flooring in Section 09650 for resilient tile flooring, resilient sheet flooring and resilient base & accessories, there is no reason why you suddenly have to have separate Sections for the various types of resilient flooring. This is, and always has been, a personal decision made by the Specifier. Personally, my preference (partially due to ease of editing office master specification Sections for project-specific project manuals) is to employ fairly narrow-scope Sections. Using the resilient flooring example above, I typically organize the work results into discrete Sections for Resilient Base & Accessories (09653 / 09 65 13), Resilient Sheet Flooring (09652 / 09 65 16) and Resilient Tile Flooring (09651 / 09 65 19) because if there are no work results for resilient tile flooring, I simply do not include that Section; rather than having to edit information out of a broad-scope resilient flooring section. I am also convinced that smaller narrow-scope Sections (5 to 6 pages) are easier to read, comprehend and implement on the construction site than trying to sort through larger broad-scope Sections (12 to 15 pages). Clear, complete, concise and correct specifications should always be the ultimate goal.

Now for those of you who fall into the "holdout" camp, I am going to offer you something to ease your guilty conscience for not having converted; if I have caused you uncontrollable feelings of guilt. Even though acceptance of MasterFormat® 2004 happened in Canada in late 2004 with the National Master Specification (NMS) and early 2005 with Digicon Information System's Canadian Master Specification (CMS), it would stand that companies using either of these two systems as the basis for their office master specifications have adopted the new 6 digit, 50 Division system. This adoption represents approximately 60% of the total consulting companies in Canada and includes most of the largest architectural and engineering firms. The use of the "new" system correlates to an approximate 85% market penetration of MasterFormat® 2004-based specifications on the dollar value of construction in Canada and 65% of the total number of projects. Some provincial and municipal jurisdictions have adopted the switch, including Infrastructure Alberta in 2009. Federal agencies such as Defence Construction Canada and Public Works Government Services Canada have mandated the use of the 6 digit, 50 Division system for all current and future projects. Unfortunately the majority of public Owner's have not made similar switches, nor have they mandated the use of MF2012 from their Consultants on their current projects. I also know that some large private companies who do a lot of construction (retailers to name one market segment) have also been slow to adopt due to changes required within the accounting systems for the new numbers and potentially new names.

As with any consensus-based system, switching is voluntary. Approximately 40% of Consultants in Canada have decided to stay with the MF95 status quo. About four years ago CSC polled members about why they have not adopted the new system. Reasons for not switching included:

- Do not regularly update in-house masters with independently developed master specification information.
- Do limited amounts of work and converting is prohibitively expensive.
- Manufacturers are not supplying information in MF04 and the respondents will not switch until majority of information providers supply product data in the new format (this assertion is no longer true – most product manufacturers supply information in the new format).
- Owners require the legacy 5 number-16 division format, and it is difficult to maintain two sets of coordinated masters.
- Do not do work where they are "forced" to use the new format.
- Contractors do not understand new numbers, or their construction costing models use the old numbers.

There were a surprising number of responses that indicated that the new numbers and titles were irrelevant to the respondents, or that they simply did not care to change.

But Consultants in Canada are not the only ones to resist this change. Our sister organization CSI was experiencing adoption rates as low as 30% across the US until 2009, when CSI made the announcement that it was stopping support of the MF95 numbering and naming system. Since that announcement, statistics have increased to approximately 50% adoption; again being led by the larger A/E firms. The majority of Federal, state and municipal Owners across the US now require the use of MF12 by their Consultants on projects.



MasterFormat® - What's In A Number? CONTINUED

Most private sector work remains in MF95, with a mix of MF12 which remains in the lower percentage of adoption. Similarly to Canada, the split between large and small firms and the reasons for lack of overall acceptance are about the same percentage-wise.

Building Information Modelling (BIM) utilization has also been a driving force in getting some Consultants to make the switch to MF12. Coordination and data accumulation for most BIM integration tools relies on the new 6 digit numbering system. Also most international standards providers are focusing their globalization efforts with MF12 and OmniClass™. Table 22 in OmniClass™ entitled "Work Results" utilizes MF12 Section numbers and titles. This table further relates to Tables 21 "Elements" (UniFormat™), Table 23 "Products" and Table 41 "Materials". The buildingSMART Data Dictionary (bSDD – of which CSC and CSI both have member representation on the development of the dictionary) is the computer language backbone for construction documentation and the interoperability of BIM models from various software developers. bSDD uses MF04 as one of the component tables for data sharing and dictionary usage, allowing for differences in terminology from region to region or country to country as well as establishing "terms" that allow translation from language to language.

All major publishers of master specifications in North America provide documents exclusively in MF12, some examples as follows:

- National Master Specification (NMS)
- Canadian Master Specification (CMS)
- Alberta Infrastructure
- ARCOM Master Specification
- BSD SpecLink-e Master Guide Specifications
- SpecsIntact - Unified Facilities Guide Specifications (UFGS)
- SpecText
- Bay Area Rapid Transit Facilities Standards

Most major product research sites show MF12 as their indexing system, examples include 4specs.com (which also cross references to UniFormat), Sweets (McGraw Hill Construction) and Reed Construction Data, Smart Building Index. There are notable standouts from this trend, such as ARCAT, who still index using the old numbering system. This is not unexpected given that there is not 100% acceptance from the Consultants either; ARCAT's reasoning being that the demand to switch has not been pushed by their users.

Most companies that have switched to MasterFormat® 2012 find it difficult to switch back to the old legacy numbering systems. This is based on the fact that since the new MasterFormat® numbering system has added new Divisions, and the number of technical Sections has grown significantly because of this, there are no place holders for these Sections within the legacy systems. Also switching between MF95 and MF12 is a costly venture. Organizational disconnects and coordination issues are prevalent that do not exist when working in a single system. I know of a number of Consultants who tried maintaining both numbering systems. It didn't take long for them to realize coordinating the increased numbers of Divisions and Sections could not be handled efficiently, and that the cost of maintaining their in-house master specifications became exorbitantly expensive.

Ultimately, the choice for which MasterFormat® system to use lies with the party responsible for editing or creating the information; since it is that party's liability that comes under question if these types of errors occur within the documents. Consistency is key! It's about numbers, but it really is only numbers. The most important issue is communicating the project needs in a manner that is suitable for project risk and understanding with the understanding that the constructor is the end reader.

So where do you stand? Convert or holdout? As always, the choice is yours, but hopefully this article has at least got you considering the switch to MasterFormat® 2012 if you haven't made the leap already. Don't feel alone, there are plenty of Specifiers out there who would be glad to discuss the issues with you personally, myself included among them.

**Special thanks to Keith Robinson, FCSC, RSW, LEED® AP, CSC 1st Vice President for his review & comment s of my diatribe and provision of some of the data for this article.*



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I AM CSC MEMBER PROFILE



Name: Carlos Alegre, P.Eng.

Company: Read Jones
Christoffersen Ltd

Position: Project Engineer

Why I Joined CSC:

I originally joined CSC for the opportunity to network with professionals in the local construction industry and take advantage of the educational seminars offered by the organization.

CSC Experience:

Soon after joining CSC, I recognized the opportunity for growth in this chapter and jumped aboard the executive committee to offer whatever help I could to keep the chapter moving in the right direction. I have since developed some amazing relationships with the executive and members of the Grand Valley Chapter.

What CSC has done for me:

The opportunity to give back to the local construction community and offer an exceptional resource to the industry has given me a new found passion for my profession. The anticipation of growth and the bright future of the Grand Valley Chapter has also been an inspiration to me.

Words of Wisdom:

In the words of Ralph Waldo Emerson, *"Do not go where the path may lead, go instead where there is no path and leave a trail."*



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YEAR END EXECUTIVE MEETING OUT WITH THE OLD IN WITH THE NEW

Our year-end executive meeting will be held at:
Grand Valley Construction Association Office
25 Sheldon Drive, Cambridge
June 26th at 12:00p.m.

Come meet **Cathie Schneider** our newly appointed Chapter Chair for 2013-2014, and members of your executive committee.

A copy of our year-end financial report will be available for your review.

Please note lunch will not be provided.

We would like to take this opportunity to thank you for your continued support, without members like yourself we would not be where we are today.



WE WANT YOU!

We are looking for a few members to join the executive to help develop and maintain activities with construction related groups to advance the goals of CSC within our industry.

The newsletter acts as a moderator without approving, disapproving or guaranteeing the validity or accuracy of any data, claim or opinion appearing under a byline or obtained or quoted from an acknowledged source. The opinions 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 product or services featured.

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GOLF TOURNAMENT RESULTS

CSC Grand Valley Chapter Golf Tournament

Thursday, June 13th, 2013

Innerkip Highlands Golf Club

Thank you to all 34 participants for supporting
CSC Grand Valley Chapter

Congratulations to the following Winners:

Best Score: Team of David Boyle, Pat Mooney,
Jason Clyde, and Paul Tillmans
with an impressive score of **10 under par!!**

Closest to the Pin: Carlos Alegre

Longest Drive #1: Wes Haynes

Longest Drive #2: Pat Mooney

A special thank you to Bruce Duncan for the tremendous effort
in organizing this successful event!!

GOLF TOURNAMENT SPONSORS

The CSC Grand Valley Chapter Executive would like to offer
our sincerest appreciation to our tournament sponsors

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We look forward to seeing you all at our next event!
Thank you, again, for the tremendous support!!



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ADVERTISING AND SPONSORSHIP OPPORTUNITIES

BE SEEN! Advertise in the Grand Valley Specifier!

Business Card sized ad space is available for a rolling 1 year period (6 issues per year) and 1/4 and 1/2 page ads are available on an issue-by-issue basis. Advertising costs are as follows:

Ad Size	Orientation	Member Price	Non-Member Price
3-1/2" x 2" Business Card (6 issues)	Landscape /Portrait	\$60	\$100
5" x 3-1/2" Quarter Page (1 issue)	Landscape Only	\$35	\$50
5" x 7" Half Page (1 issue)	Portrait Only	\$50	\$75

Luncheon Sponsors enjoy the benefit of a complimentary single issue quarter-page ad in the Grand Valley Specifier issue prior to the sponsored luncheon. All prices are subject to HST.

For more information, contact Carlos Alegre by email at calegre@rjc.ca

**YOUR ARTICLE
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ARTICLES AND PUBLISHING OPPORTUNITIES

BE HEARD! Publish your idea in the Grand Valley Specifier!

Share your knowledge with your peers while gaining recognition for your contribution to the betterment of the construction profession in your community.

We would love to hear from you if you are interested in publishing any technical articles, upcoming events, or announcements in the Grand Valley Specifier. Ideas are also always welcome.

Send your information electronically to Carlos Alegre by email at calegre@rjc.ca

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**The Canadian Construction Documents Committee (CCDC)
has developed two new design-build contract forms,
which will be released in July 2013:**

CCDC 14 - Design-Build Stipulated Price Contract

CCDC 15 - Design Services Contract between Design-Builder and Consultant

During this seminar, CCDC members will explain to you the key philosophy behind these contract forms and the important changes to CCA-CSC-RAIC Documents 14 and 15 – 2000. There will be a detailed analysis of the roles and risk profiles of the Owner / Design-Builder / Design-Builder's Consultant / Payment Certifier / Other Consultants / Owner's Advisor. Other key topics include the Design-Builder's liability towards Design Service, professional liability insurance requirements, etc. For dates, location and registration information go to: <http://ccdc.org/events/index.html>

Who Should Attend?

Owners, executives and managers from construction buyers, architects, engineers, contractors, and allied professionals in the construction industry.

Registration Fee

Early Bird special \$340 + taxes* if you register by June 7, 2013.

\$390 + taxes* if you register after June 7, 2013.

*\$190 for additional attendees from the same company. Doesn't include electronic copies of the contracts.

Attendees will receive electronic copies of the new contract forms and the accompanying guides (to be released in December 2013) worth over \$200.

To register go to <http://ccdc.org/events/index.html>

About CCDC

The [Canadian Construction Documents Committee](http://ccdc.org) (CCDC) is a national committee responsible for the development, production and review of standard Canadian construction contracts, forms and guides. Formed in 1974, the CCDC is made up of volunteer owner representatives from public and private sectors, as well as appointed volunteer members of the four constituent organizations ([ACEC](http://acec.ca), [CCA](http://cca.ca), [CSC](http://csc.ca) and [RAIC](http://raic.ca)). A lawyer from the Canadian Bar Association, construction law section, sits as an ex-officio member of the committee. All CCDC documents carry endorsement of the four national constituent organizations.



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CSC Grand Valley Chapter

c/o Grand Valley Construction Association
25 Sheldon Drive, Cambridge, ON N1R 6M6

EDUCATION CORNER

The Executive of the Grand Valley Chapter of Construction Specifications Canada is pleased to announce we will again be offering an in-class **Principles of Construction Documentation (PCD)** course.

We know you wanted to take this course in the summer but you just couldn't make it work with summer vacations or the idea of being cooped up in a classroom on those beautiful summer evenings when you finally got away from the office! Don't worry, we have you covered!

Are you considering attaining a CSC Certification? Are you a business owner/manager or do you work with an Emerging Professional who struggles due to lack of knowledge of Construction Documents or could otherwise benefit from more formal knowledge? Have you been around "forever" and just want to brush up on your knowledge?

If you answered yes to any of the above questions, the CSC Grand Valley Chapter wants to hear from you!

This is the prerequisite course for **Certified Technical Representative (CTR)**, **Certified Construction Contract Administrator (CCCA)**, **Certified Specifications Practitioner (CSP)** and **Registered Specification Writer (RSW) certification**. If you are planning on pursuing any of the above certifications, you must pass this course before taking any courses specific to any of the other streams.

What better way to get the knowledge you need to succeed and excel in the AEC industry than an in-classroom course offered by CSC members who have been there and done that? Get that personal interaction; learn more from real-life examples of situations that have been encountered and the lessons learned from them. Take your personal expertise up to the next level!

Starting September 30, 2013, we are offering the PCD course at the Grand Valley Construction Association office.

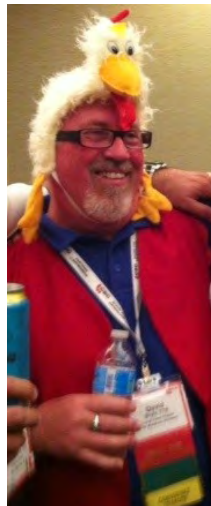
Please see the attached registration form for further details.



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EXCITING NEWS!!!

For those of you who were unable to make it to Calgary for the 2013 Conference, you missed a great experience packed full of great education, networking and fun! Congratulations to the 2013 Conference Committee for a job well done. All the things that we as members have come to expect at Conference were delivered!



So, not only did you miss a great Conference, you also missed an exciting announcement...

Our very own, former Chapter Director and Chairperson

David Boyle, CTR

is now CSC 4th Vice President!!

(I hear he has new business cards, and if you catch him in the right mood, he might even autograph one for you!)

On behalf of the Grand Valley Chapter Executive I would like to personally congratulate Dave and thank him for his dedication and perseverance as both Chapter Chairperson since late 2010 and Chapter Director for 2010 to 2012. We know that you will bring the same level of enthusiasm, dedication, professionalism...and yes, even humour to the Executive Committee and the Board of Directors as you exhibited in the Chapter leadership!

It will be a long ride to 2019, but we all know you will do Grand Valley proud!!

CONGRATULATIONS DAVE!!

Paul Gerber, CSC, CSI
Chapter Director

CSC Grand Valley Chapter

c/o Grand Valley Construction Association
25 Sheldon Drive, Cambridge, ON N1R 6M6



Grand Valley Chapter WE WANT YOU!!! Education

Principles of Construction Documentation

Designed to better the understanding of all AEC industry participants **at any point in their career** from Architects, Engineers, Technologists, Interior Designers, Owners, Facility Managers, Manufacturer and Product Reps, Contractors, Subcontractors!

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

- Certified Technical Representative (CTR)
- Certified Construction Contract Administrator (CCCA)
- Certified Specification Practitioner (CSP)
- Registered Specification Writer (RSW)

The focus is to emphasize the relationship that exists between specifications and drawings, and the role of the industry participants. Contract Documents and the project manual have an intrinsic relationship with each other, with standard pre-printed forms of Contract, and with associated documents; this course explains these relationships.

Detailed information about the course modules can be found at: <http://csc-dcc.ca/Education/Principles+of+Construction+Documentation/>

Course Dates: Monday September 30, 2013 through Monday December 10, 2013 from 6:00 p.m. to 9:00 p.m. (No class Monday October 14 due to Thanksgiving Day). Exam date to be determined.

Course Location: Grand Valley Construction Association, 25 Sheldon Drive, Cambridge, Ontario N1R 6R8

Course Cost: CSC Members \$450.00 + HST, Non-Members \$550.00 + HST (includes course handbook)

Registration: Limited (first come, first served), maximum 24 students.
Early registrants will be guaranteed a place; those registering late may have to wait until spring 2014.

Return completed form to Paul Gerber at paul.gerber@rogers.com. Your acceptance is based on date received. You will be contacted after submission of registration form to arrange payment.

Name: _____ **CSC Membership No.** _____

Company _____

Title/Position: _____

Address: _____

City: _____ **Postal Code:** _____

Phone: (Work) _____ (Home/Cell) _____

E-mail: _____

Future Intent: To aid us in planning future course offerings, please check all appropriate choices:

☐ This course only ☐ CTR ☐ CCCA ☐ Specifier 1 ☐ Specifier 2

Grand Valley Chapter
Construction Specifications Canada • Devis de Construction Canada

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