

CHOICE

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January
2010



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PERFORMANCE & DETAILING OF EXTERIOR WALL ASSEMBLIES

Tuesday, January 12, 2010

Speaker: **Matthew C. Farmer, PE**
Principal with **Wiss, Janney, Elstner Associates, Inc.**

The importance of building enclosure systems, including exterior wall assemblies, has increased substantially in recent years in the face of rising energy costs, water leakage litigation, and the awareness of potential health issues related to mold growth. Our expectations of exterior wall performance (keeping us cooler, warmer, drier, and healthier) have also increased, forcing designers to put a greater emphasis on these systems for their projects than in the past, and owners to allocate a higher percentage of project cost toward exterior wall design, construction, and testing.

(Continued on page 3)

*Spouses, guests and visitors
are welcome and encouraged to attend.*

RADISSON HOTEL

1150 Camp Hill Bypass, Camp Hill, PA

Board Meeting - 5:00 p.m.

All members are welcome to attend the Board Meeting

Attitude Adjustment - 6:00 p.m.

Dinner - 6:30 p.m.

Program - 7:15 p.m.

The bar will be hosted by
Bill Brightbill of "Modernfold of Central PA".
Bill will also be presenting a short program
on their 4 product lines.

Dinner Cost

Free for Central Pennsylvania Chapter CSI Members;
Students \$10, All Others \$25

Dinner reservations by noon, Friday, January 8, 2010

See **FROM THE CHEF'S TABLE**
for Menu and Reservation details.

The Central Pennsylvania Chapter meets
the second Tuesday monthly
except NO meetings are held in July or August.

Please Read Ads On Our Website
They Support "Choice"

www.cpc-csi.org

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All material MUST be in the editor's hands no later than January 19, 2009 for publication in the February 2010 issue of "Choice".

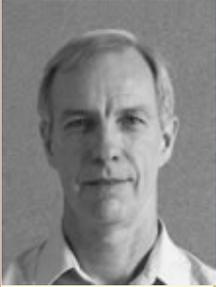
Send to:
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The Construction Specifications Institute is a nation-wide nonprofit technical organization dedicated to the advancement of construction technology through communications, education, research and service. Founded in 1948, CSI provides a forum for architects, engineers, specification writers, contractors, suppliers and others in the industry.

Anyone who is concerned with construction specifications in any manner is invited to apply for membership.
Contact:
Maria Weber
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Knowledge for
Creating and Sustaining
the Built Environment



Don Scruggs,
CSI, CCCA
President

President's Message

Hope everyone had a joyous and safe Holiday season!

Now that the holidays are behind us it is again time to turn our focus back to CSI. Our January 12, 2010 meeting will feature a tabletop presentation and a program on building enclosure systems entitled "Performance & Detailing of Exterior Wall Assemblies". February will be our second tour of the year, the Pennsylvania Judicial Center in Harrisburg, Pa. The Chapter's 35th Annual Exhibit show will be held on March 17, 2010 at the Radisson in Camp Hill. Help is always need for this event, so please contact Larry Saylor if you would like to volunteer. Just a reminder that the CSI 54th Annual National Convention "Construct 2010" will be held May 11-14, 2010, in Philadelphia, Pa., so please mark your calendar for this event. Our Chapter meeting will be held on May 4, 2010 (first Tuesday of the month) so as not to cause any conflict for those preparing to attend the National Convention.

During this down economy take advantage of a great opportunity to enhance your resume by obtaining one of CSI's nationally recognized certifications. The early registration deadline is January 29, 2010 and final deadline is February 26, 2010.

Also, this February CSI will conduct its first fully electronic election and there will be no mail in ballots allowed, so please make sure that Institute has your correct email address so you may participate in this election (contact CSI Member Services at csi@csinet.org or 1-800-689-2900).

Look forward to seeing you on January 12th.

*Don Scruggs, CSI, CCCA
President*

Curmudgeon's Corner

Sensible Stimulus

by Sheldon Wolfe, RA, FCSI, CCS, CCCA

infrastructure: the roads, bridges, rail lines, power grid, and similar public works that are required for an industrial economy to function

The subject of my last article, "Return on investment", was the ancient buildings I saw while on vacation in Europe, and how they continue to be useful today. This month, we'll look at more recent construction, particularly the infrastructure that supports our lifestyle. (Incidentally, I received many comments in response to my reference to our European vacation. If you're interested, some of our pictures are online at <http://snipurl.com/trgm5>.)

Just this month, I finally joined the twentieth century and had satellite TV installed in our house. We had talked about it for a couple of years, but saw little reason to increase the sources of garbage available from five channels to more than a hundred. The few channels we were interested in - Discovery, Food, HGTV, and History - were not quite tempting enough to entice us into dealing with all the rest. Also, I had a fear of spending all my waking hours watching the History Channel. The deciding factor turned out to be financial; we could get a bundle with phone, unlimited long distance calls, DSL, and HDTV for less than we were paying.

And sure enough, I've been captivated by the History and Discovery Channels. One of the recent shows, The Crumbling of America, was fascinating - and chilling. Opening with the collapse of the
(Continued on page 4)

From the Chef's Table

MENU

*Choice of Roast Turkey
or
Maryland Crab Cake
Fruit Salad,
Caesar Salad and
Chef's choice of Dessert*

*Special Dietary menus,
such as vegetarian,
low fat or low sodium,
are available upon request.*

In addition, we will try to accommodate special requests such as vegetarian, low fat or low sodium selections. A fresh fruit plate, instead of the Chef's Dessert Selection, is always available by request. Special request menu reservations should be made no later than the Friday prior to the Tuesday meeting.

Please feel free to forward either your comments regarding your meal, or any suggestions that you feel could improve the CPC-CSI dinner, to: loganmyers@hotmail.com.

*Logan Myers
Hospitality Chair*

RESERVATIONS

to Logan Myers by calling (570) 850-6330 or e-mail at loganmyers@hotmail.com or use our on-line registration form at www.cpc-csi.org

**YOU MUST MAKE
RESERVATIONS OR CANCEL
STANDING RESERVATIONS
by NOON,
FRIDAY, JANUARY 8, 2010.**

**ALL NO-SHOWS
WILL BE BILLED.**

*Entrée selection should be
made when making a
reservation. First entrée listed
is the default selection
if no choice is made.*



Logan Myers
Hospitality Chair

Attendees should make an entrée selection when reservations are placed.

(Please note that the first entrée listed will be the default selection if no choice is made.)



*Paul Brunski
CCS, CSI
Chapter
Certification
Chairman*

Chapter Certification Study Course

Chapter Certification Study Course

Two deadlines are fast approaching. January begins the Chapter Certification Study Course at the Midtown HACC Campus. Follow the instructions below to get enrolled in the program. It is highly recommended for anyone taking the exam. January 29th is the early deadline to register for the CDT, CCS, CCPR, and CCCA exams, so don't delay. February 26 is the final deadline.

The certification exams are scheduled for March 29 - April 3, 2010, and are available at Prometric testing locations throughout central Pennsylvania.

Study Course:

Dates:	January 25 thru April 5, 2010 (Monday evenings for 10 weeks. March 8th is spring break).
Time:	5:30 to 8:30 P.M.
Location:	HACC Midtown Campus, 4th and Reily Streets, Harrisburg, PA
Cost:	\$140 (subject to change)
Registration:	Refer to www.hacc.edu for registration requirements.
Textbook:	CSI Project Resource Manual

The study course is designed to assist candidates preparing for the examination(s) by offering a complete overview of CSI's Project Resource Manual and the General Conditions publications by AIA (A201 or EJCDC 1910-8). The course will be offered as both a 1-credit course in HACC's Building Construction Technology curriculum and a non-credit course in HACC's continuing education program. Registration is available now.

To Register: Go to www.HACC.edu and click Admissions.
 Non-credit course enrollment: Course no. CRN 51939
 Credit course enrollment: Course No. CRN 31281

If you need continuing education credits, the Certification Study Class offers CEUs, ECHs or LU credits. It's also a great way to brush up on your skills regarding contract document relationships, change orders procedures and formats, or the elusive contents of the AIA A201.

Having just returned from a CSI region conference in Virginia, it was interesting to hear other specification writers talk about how they started as a spec writer. Most had a mentor who worked with them to understand specs and did it because no one else wanted to. Do you see an opportunity in your firm to fill a void? Average age of a spec writer is about 55 years young.

If you have any questions about the class or the certification program feel free to contact me at 717-263-8464 or pbrunski@noelkerhull.com.

Invest in yourself! Get certified!

*Paul Brunski CCS, CSI
Chapter Certification Chairman*

(Continued from page 1)

This presentation will provide a broader view of exterior wall assemblies and some of the more critical factors related to their successful performance, with emphasis on our middle Atlantic region. It will describe the more common wall systems in use today, discuss their relative merits, and note some of the challenges in detailing them using actual examples from the field. The basics of air/heat transfer and water vapor control in these systems will also be discussed in the context of these assemblies.

Mr. Farmer joined the New Jersey office of Wiss, Janney, Elstner Associates in 1986. He has since been involved with numerous evaluations of concrete, steel, and timber structures, as well as clay/concrete, stone and cast stone masonry. He has concentrated his practice in the area of building envelope cladding systems design, investigation, analysis and repair, including numerous engagements as an expert witness. Mr. Farmer served as Manager of the Fairfax (VA) office from 1994 until 2006, where he now serves as a Principal with WJE. Mr. Farmer is a graduate of the University of Colorado and Cornell University, and is licensed as a professional engineer in the District of Columbia, Virginia and Maryland.

Wiss, Janney, Elstner Associates, Inc., based in Northbrook, Illinois, with 18 branch offices around the United States, is a global leader in providing practical, innovative and technically sound solutions to structural, architectural and materials problems in all types of new and existing structures. The firm is comprised of an interdisciplinary team of engineers, architects and materials scientists who are leaders in their fields with a broad collective experience gained from conducting more than 75,000 investigations worldwide and using state-of-the-art laboratory and testing facilities. For more information, visit www.wje.com.



*Speaker:
Matthew C. Farmer
PE
Principal with Wiss,
Janney, Elstner
Associates, Inc.*

Curmudgeon's Corner

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I35W bridge in 2007, the show went on to look at the potential for catastrophe in virtually every part of our infrastructure. Much of what we have was built in the early part of the twentieth century, with a design life of fifty years. The continued serviceability of that work is a tribute to the engineering and construction quality of that time, and though service life can be extended with regular inspection and maintenance, there comes a time when replacement is necessary. Unfortunately, it's a lot easier, and more fun, to build new than to maintain existing buildings; I believe most of us have seen that the maintenance budget is often the first to be cut.

I know enough about government to never expect too much, but when the recent stimulus package was proposed, I envisioned a large investment in highways, bridges, dams, and other civil works projects. I won't pretend to understand the economics or details of the public works programs of the 1930s, but there are countless examples of well-designed, useful, long-lasting projects of the Works Progress Administration (WPA) and Civilian Conservation Corps (CCC). My own state, Minnesota, has numerous state park buildings, highways, dams, bridges, and utilities that were built seventy years ago and remain in service today.

Needless to say, I was disappointed by the stimulus program's small investment in infrastructure. Of the \$770 billion (or is it a trillion? or two trillion?), about \$140 billion is earmarked for transportation, water projects, construction and repair of buildings, and upgrading the electric grid.

That sounds like a lot of money, but how much is needed? Those most likely to know are the civil engineers, who are most familiar with the design and maintenance of the systems in question. And indeed, they have something to say. The American Society of Civil Engineers

(ASCE) has a website named "Report Card for America's Infrastructure" (<http://snipurl.com/tril7>). The ASCE website discusses fifteen infrastructure components, giving each a letter grade, the amount of money needed to bring it up to date, and the amount of money already budgeted. The highest grade is a C+; the average is a D. The total recommended investment, over five years, is \$2.2 trillion, approximately twice the amount budgeted from all sources. Another look at infrastructure costs is found at <http://snipurl.com/trirs>. This one estimates over \$3 trillion is required, with almost \$2 trillion going to just roads and bridges.

To me, the logic of making this type of investment a high priority is inescapable; there is little value in other stimulus spending if the services we depend on fail. Sadly, it seems the money isn't available to do the necessary maintenance until a levee or a bridge fails, when legal fees and cleaning up the mess further increase the costs.

It's easy to say, "You think that only because you're an architect," but that's not true. While a few architects would profit to some extent, engineers and contractors would be the main immediate beneficiaries. Of far greater value would be the indirect benefits to the countless others whose lives depend on services that work.

The importance of our utilities and transportation systems hasn't been entirely ignored. In 1998, President Clinton's Presidential Directive PDD-63 set up a national program of "Critical Infrastructure Protection", which was superseded in 2003 by President Bush's HSPD-7 (Homeland Security Presidential Directive No. 7) - but the focus of these directives is on protection from attack, and on reconstruction after an attack. Perhaps a smart terrorist would simply wait until our infrastructure collapses from neglect.

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Honors & Awards

CSI's 2010 Honors & Awards Call for Nominations

The Construction Specifications Institute would like to welcome you to the 2010 CSI Honors & Awards Program!

CSI honors and awards recognize talent, achievements, and notable contributions to the construction industry that support the mission of CSI. There is much to look forward to this year as CSI continues to expand its awards program. This year a new award for Excellence in Construction Information has been added. Please visit www.csinet.org/honorsandawards for details on this new award.

You are strongly encouraged to find members, colleagues, teams, and companies that are qualified candidates for Institute Honors and Awards. Also, remember that non-members are eligible for several awards including the Michelangelo Award.

Here are some key items to get you started:

- 1. Nomination Deadlines** January 2: Distinguished & Honorary Membership, **January 15: Fellowship and Institute Awards including the Michelangelo Award** (Please note that submittals must arrive by 5pm Eastern on the deadline date.)
- 2. 2010 Honors & Awards Guide** The 2010 Honors & Awards Guide has been posted at www.csinet.org/honorsandawards. Please download and review the document as there have been some updates for 2010. Also available online are MS Word versions of the guide's submission forms. As always, it is important to use the latest forms when preparing submissions.
- 3. Fellowship Mentors Preparing a Fellowship nomination package?** Consider consulting with a fellowship mentor. A list of mentors can be found at www.csinet.org/fellowship. This webpage also has a PowerPoint presentation, Demystifying Fellowship Nominations, that has practical tips for developing Fellowship nominations.

Should you have any questions about any of CSI's Honors & Awards, please email awards@csinet.org.

Classified Ad

To place classified ads, please submit your ad to the editor, Jeff Turicik, jeffturicik@ykk-api.com for insertion in "Choice" and on cpc-csi.org.



Philip Frigm,
CSI, CCS,
Technical
Committee
Co-Chairman

The Mission and MasterFormat

[This article originally appeared in the September 2009 issue of *The Construction Specifier* (vol. 62, no. 9). Visit www.constructionspecifier.com.]

The new Construction Specifications Institute (CSI) strategic plan in development is being built around three themes: communications excellence, building team diversity, and the future of project documentation. Who isn't looking for better communication, team diversity, and modern documentation in their work?

Those still using *MasterFormat 1995*, apparently.

In part, CSI's mission is to provide leadership and tools that address what is happening in the design/construction world—both where it is today and where it is going in the future. *MasterFormat 2004* is one of CSI's best examples of fulfilling that mission.

The current edition of *MasterFormat* is a vastly different document than its predecessor, addressing many more elements in the project lifecycle. It expanded from 16 divisions to 50, and introduced six-digit section numbers. These changes brought breathing room to a specification structure unable to adequately tackle and organize the information necessary for today's commercial construction.

It also presented a structure that serves building information modeling (BIM) and integrated project delivery (IPD), two forces pressing on CSI and its members. Simply put, *MasterFormat 2004* is part of achieving interoperability and all that BIM promises. As BIM and IPD grow in prevalence, so will the use of *MasterFormat 2004*. Your office may choose to continue using the 1995 iteration, but you will be relegated to a smaller and smaller corner of the construction marketplace. BIM is what the construction industry now works with, and *MasterFormat 2004* is what BIM uses.

The key to BIM's ability to improve construction is standardization. A screw must always be a screw, regardless of what software or which construction team member is using the model, and what they are trying to accomplish. To achieve that standardization—to consistently and correctly identify every screw in the model—the North American *National BIM Standard (NBIMS)*, under development by the National Institute of Building Sciences (NIBS) through buildingSMART, relies on *MasterFormat 2004*, as well as CSI's *OmniClass* and *UniFormat*.

Complementary Standards

While *MasterFormat* may be the only standard you and your colleagues know by name, it does not exist in isolation. Developed by CSI and Construction Specifications Canada (CSC), it is the best known of our suite of standards, but not the only one necessary to achieve true BIM.

The CSI/CSC format for addressing the expanded information requirements of BIM is *OmniClass*, a multi-faceted

classification system consisting of 15 tables, of which *MasterFormat* is but one. *OmniClass* classifies all aspects of the built environment; it is a foundation element of NBIMS and of the work of the buildingSMART alliance to improve industry-wide capability to achieve interoperability and address the inefficiencies identified in the NIST study.

BIM systems are increasingly relying on this standard to organize information. One example of this is the Autodesk Seek service, which employs *OmniClass* tables to identify the BIM objects to which it provides access. The latest version of *MasterFormat* is the 'Work Results table' in *OmniClass*, which is used in Seek as a primary way to find product information.

Additionally, CSI/CSC just released an update to *SectionFormat*—the commonly accepted way to structure specifications—which is integrated with *MasterFormat 2004*. To keep project manual organization consistent, it will be important to work with the latest versions. All leading master guide specification systems are in the process of implementing this new edition.

These standards have always indexed, organized, and retrieved a variety of different information types throughout a project lifecycle. BIM makes this all the more important. The consistent use of standard classifications applied to objects enhances our ability to sort information and roll up or drill down through data based on the hierarchy on which all these classifications are built. A standard implementation of any of these classifications within a BIM model allows for this same sorting and retrieval across multiple platforms and by all users at any stage in the facility lifecycle.

MasterFormat 2004, *OmniClass*, and *UniFormat* are harmonized and work together to make BIM more effective. They make specification possible in an information-modeling world. Put bluntly, *MasterFormat 95* and its prede-

cessors do not have a place in this work.

BIM is not going away. Research compiled last year by McGraw-Hill Construction shows that, in the face of economic recession, users expect to significantly ramp up their investment in BIM in 2009. Those experienced with the technology are realizing greater productivity, improved communications, and a competitive edge when bidding work. As development opportunities tighten, these users continue to differentiate themselves from those who have yet to adopt the technology, bringing value to clients while improving their bottom line.

According to the McGraw-Hill research:

- 62 percent of BIM users will apply it on more than 30 percent of their projects in 2009;
- 82 percent of BIM experts believe it has a very positive impact on their company's productivity; and
- 72 percent of BIM users say it has had an impact on their internal project processes.

The research shows companies tracking BIM value metrics are reporting returns on investment (ROI) as high as 300 to 500 percent through improved project outcomes, better communication, enhanced productivity, and a positive impact on winning projects.

As CSI members, each of us has a responsibility to lead the construction teams in which we work toward a consistent method of organizing our data, and the standards that improve communication between team members. To cling to *MasterFormat 1995* is to abandon CSI's mission in the construction industry, and to fail your team by allowing them to travel down roads with dead ends.

MasterFormat Adoption: better late than never

Since 2004, thousands of public

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A Dickens of a Tale

Scrooge was an old man, set in his ways. And why not? He had been doing things the same way for many years, and the resulting success was sufficient evidence of the wisdom of continuing in that path. Whenever it was suggested that change might be a good thing, "Bah, humbug!" was his response. "I like things the way they are! I started this business, I've been doing things the same way for fifty years, and I don't see any reason to change!"

One evening, a strange series of events befell our dear Mister Scrooge. Having had a particularly trying day, he tried to enjoy a rich repast and a few glasses of wine in an effort to forget his problems. As he fell asleep, he was thinking of how much fun he had in his youth.

The First Spirit

"Wake up, Scrooge!"

"Who is that?"

"It is I, the Spirit of the Past. Come, let us revisit those wonderful days!" As the words were spoken, they were transported to a city long ago. They stood in the midst of a group of young men busily engaged in excited discussion.

"Good Heaven!" cried Scrooge, looking about. "I know these people! They are specifiers, one and all! Oh, what a marvelous time that was, with the construction industry expanding, and so much work to do."

"Yes, it was. Do you recall why these people met, what they planned to do?"

"It comes back to me now! We were a group of specifiers who were unhappy with the haphazard way specifications were done. Not surprising, considering we worked for the government! We met and decided specifications could be improved, and we formed an organization to work toward that end. We thought that, by working together, we could improve the practice of writing specifications, make them simpler and easier to understand, standardize government agencies' documents, standardize building codes, and bring greater efficiency to the industry as a whole. Ah, those were exciting days!"

"You certainly were enthusiastic, and set some lofty goals. And in the early days, you made significant progress."

Although it seemed to Scrooge that he and the Spirit remained stationary, the scene around them shifted and changed;

different locations came into focus, and vivid images of people and documents materialized, then faded away.

"There is Carl Ebert!" Scrooge exclaimed. "He was there from the beginning - Institute President, first editor of the *Construction Specifier*, charter member of the DC Chapter. I see Ben John Small, a founder of the New York Metropolitan Chapter, and author of a column in *Pencil Points*. He was a great promoter of the value of good specification writing. And J. Norman Hunter! When he was president, we added twenty-two new chapters!"

"Once you started growing, what did you do to address the issues that brought you together?" asked the Spirit.

"Why, isn't it obvious? Look there - it's the *CSI Format for Construction Specifications*. The industry needed organization, and building designers quickly began using it to bring order to their specifications. It was so useful, it was also used for filing information about products, and it became the industry standard *MasterFormat*. And see there? It's *SectionFormat*. We didn't stop with an overall grouping of information, we also established an order for the information for a specific product! Or "work result" as today's young whippersnappers say! There again, we saw the need for better communication through standardization, and we responded. And what about *PageFormat*? Once more, we created a standard for the industry!"

"Yes, you did all of that - and you created a forum where design professionals, product manufacturers and installers, and contractors could meet and discuss problems and solutions. CSI grew from a handful of people to a nationwide organization of nearly twenty thousand. Indeed, those were the good old days!"

Suddenly, the Spirit disappeared, and Scrooge found himself wondering if he had seen the Spirit, or if it was just something he ate for dinner. He took a couple of antacid pills and went back to sleep, remembering the way things were, so many years ago.

The Second Spirit

"Wake up, Scrooge!"

"What is it this time? Are you real, or am I having indigestion?"

"I am the Spirit of the Present. It isn't your dinner, though you really should watch

what you eat. You seemed to enjoy your visit with the first Spirit, so let's take another journey."

"If it's like the last one, it will be fun. Let's go!"

Once again, Scrooge and the Spirit were surrounded by changing scenes of places and faces. But it wasn't quite the same.

The construction industry was even stronger than before. Despite a few economic setbacks along the way, there were many more design professionals, contractors, and building product manufacturers than ever before. The industry appeared to be moving ahead at a frantic pace, with plentiful new construction and renovation of existing buildings, seemingly without limits. Projections of future work indicated more work would be done in the next several years than ever before.

The results of Scrooge's earlier work were evident. That part of the construction industry involved with buildings was making good use of CSI's Formats: manufacturers included *MasterFormat* numbers on their literature; design professionals and contractors alike knew where to look for whatever information they needed; and, even though specifications often ignored the rules established in CSI's venerable *Manual of Practice*, communication was much improved over that which existed before CSI's standards existed. And, where before specifiers were forced to create their own documents, there were now several commercial master guide specification systems, some of them automated to the point that the user no longer had to worry about section numbers or titles, cross references, or all of the other nagging minutiae that consumed so much of a specifier's time in the past.

Scrooge was delighted, thinking he would continue on and become even more successful. Still filled with such thoughts, he was taken aback when the Spirit showed him a smaller part of the industry - his own business. "Whatever is happening?" asked Scrooge. "The industry is growing by leaps and bounds, yet my own part of it is not keeping pace! There are so many fewer members, and the chapters that once were thriving and growing have lost their vigor! Is it possible I am mistaken? How could I have missed such ominous portents?"

Sadly shaking his head, the Spirit replied,
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agencies, firms, and companies have adopted/converted to the current *MasterFormat*. These include:

- federal agencies (e.g. United States Department of Veterans Affairs [VA], General Services Administration [GSA]);
- state agencies;
- master guide specification publishers (e.g. ARCOM, BSD, and Spectext);
- cost-estimating software producers (e.g. RSMMeans);
- construction product information providers (e.g. McGraw-Hill, Reed Construction Data);
- members of the Specifications Consultants in Private Practice (SCIP); and
- architectural firms, engineering firms, and consulting firms.

The benefits of adopting *MasterFormat 2004* are numerous, ranging from improved communications to enhanced accuracy and efficiency. Updating one's *MasterFormat* supports interoperability,

integrated practices, and emerging BIM standards; the end result can well be money saved.

Granted, upgrading to the current *MasterFormat* takes time and effort. The best way to learn it is to use it. Like a second language, immersion is the best method of acquiring the necessary skills to become fluent.

If you haven't already converted, your firm or company is falling behind. Any costs incurred for conversion will be more than offset by the long-term usability and expandability offered by *MasterFormat 2004*. There are even tools to assist you in your effort at www.masterformat.com. And if you are looking for one more reason to make the switch...

Death Notice

The CSI board of directors voted to stop licensing and supporting *MasterFormat 1995* during its June meeting at the CSI Annual Convention in Indianapolis. To assist in the transition, CSI and CSC are making a special effort over the next sev-

eral months to inform the construction industry of the importance of adopting the new version.

Continued use of the 1995 and earlier editions prevents industry standardization and works contrary to interoperability—the sooner everyone updates, the better. *MasterFormat 1995* is dead; long live *MasterFormat 2004*.

About the Author: James Robertson, FCSI, CCS, AIA, is president of Robertson/Sherwood/Architects in Eugene, Oregon. He has contributed to three editions of the Manual of Practice, three editions of *MasterFormat*, *SectionFormat*, *PageFormat*, *UniFormat*, and numerous other Construction Specifications Institute (CSI) programs. Robertson chairs the institute's Technical Committee and is a member of the Update Task Team for the Project Resource Manual (PRM). He can be contacted via e-mail at jrobertson@robertsonsherwood.com.

CPC-CSI Contributor: Philip Frigm, CSI, CCS, Technical Committee

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"What you see *is* what now is. From the time of your visit with the first Spirit, your membership has decreased by a quarter. Many of your chapters seem to have trouble understanding what they are to do. And, in the comfort of your middle age - I'm trying to be kind - you lack the energy and purpose of your youth. You have become complacent, satisfied with your great accomplishments of days gone by."

"You have been, perhaps, too successful, and, pleased with that success, failed to see the opportunities to further improve communication in your industry. You have continued to concentrate on paper documents, even though the problems of the past have been solved, and little remains to be done with them. It is in electronic communication that today's challenges lie."

The Last Spirit

The second Spirit vanished, only to be replaced by yet a third Spirit.

"Judging by what has gone before, am I correct in assuming you are the Spirit of Yet to Come? If so, I fear what you may have to say. And yet, I sense that the visits by you and your kin are meant to help, and I am ready to listen."

Scrooge and the third Spirit were transported to an indefinite, yet not distant,

future. Around them appeared a group of young people, engaged in serious conversation.

"I thought CSI was a TV show way back when!" exclaimed one.

"Well, yeah, but there was this organization with the same name, that had a huge impact back in the latter part of the twentieth century. They did some really cool stuff, like organizing construction information - back when it was all on paper. You wouldn't believe how crazy construction documents were before they came along."

"So what happened to them? If they had so much going, how did they let it slip away?"

"I don't understand it. What they did for paper later needed to be done with electronic documents. Maybe it was just a case of turning into a bunch of old farts, who didn't understand computers and couldn't see the new problems."

"Didn't they do a lot with education and certification?"

"They did, but they were so busy telling each other how important they were that they forgot to tell anyone else. Here's a funny thing: After all the good things they did, and not telling others how important those things were, other groups came along, and in just a few years each con-

vinced government agencies across the country that what they did was *the* most important thing. First it was energy-efficient buildings, then accessible design, commissioning, design-build, construction management, "sustainable design", and somewhere in there was "partnering". All of which should have been done by design professionals all along. In the end, the things CSI did were absorbed by other organizations, and they didn't have anything to do anymore."

"I bet it was pretty sad in the end, when it was just a bunch of the same old people getting together, reliving the good old days, waiting for each other to die."

Scrooge cried out in agony, "Spirit, please tell me that what you have revealed is only what might be, rather than what is destined!"

After a pause, the Spirit replied. "It's not that you no longer do useful things. Your work with interoperability and global standardization are truly worthy efforts, and will one day make the industry better - but those things are of no immediate concern to your existing members, and they won't bring in new members. You have not accepted the possibilities of the near future, when the value of information itself will far outweigh the value of explaining it in words - a process that continues to de-

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Minutes of Board of Directors Meeting

Date: December 8, 2009

Time: 4:00 pm

Location: PennDOT Materials Testing Laboratory conference room

Attendees: Don Scruggs, Jake Burkholder, John Groff, Jan Myers, John Cannon, Paul Brunski, Larry Saylor, Logan Myers, Stu Cluck, Chris Atwood, Phil Frigm, Joel Altland, Rich Forsberg

Don Scruggs called to Order at 4:12 pm

Opening Comments: CSI is planning to post members Names & Certifications – You should respond to their email only if you do not want your posted.

Approval of Minutes: It was noted that the Location, Date and Time should be noted on the Meeting Minutes.

Treasurer's Report: Treasure Brightbill was unable to compile the financials in time and will not be in attendance. These will be covered next month/.

Officer's Reports:

President-Elect: No Report

Vice President: No Report

Secretary: No Report

Past President/Advisor: No Report

Committee Reports:

Academic Affairs: No Report

Advertising: Electronics, Scot Stefan, and Editor, Jeff Turicik, are to coordinate the removal of the Business Card Ads in the upper right corner of The Choice. There will be recycling Ads down the side.

Awards: No Report

Certification: Paul Brunski notes that there is a "stealth special" 20% discount if one joins CSI and signs up for the Review Course and the CDT exam.

Education: The December Program was approved by AIA for HSW & Sustainable Design credits. An AWI presentation as well as a Curtain wall presentation by our own Jeff Turicik has been arranged for the Exhibitor's show in March Chris Atwood will pursue the BIM presentation for the morning (Pay For) session.

Electronics: No Report

Exhibit Show: Larry Saylor has thirteen (13) exhibitors signed-up so far. He will coordinate with IFMA at their next meeting.

Long Range Planning: No Report.

Membership: No Report.

Programs: The January program will be on Air Barriers and Wall Construction. February will be a Tour of the Judicial center. They offer a catering service. There may be a Date Change required depending on available dates to take the Tour.

Publicity: Sources are being evaluated and consolidated.

Should be able to implement in January.

Roster: No Report

Technical: Phil Frigm again inquired as to the possibility of utilizing the PowerPoint presentation on the website and counting it as a "publication". Are copy write laws involved? He will check with Institute.

Archives: No Report

Note: The Deadline for submissions to The Choice is the 25th of the month.

Reminder: The Chapter's Christmas Gala will be held tonight, after the Tout, at the Appalachian Brewery Company in Harrisburg.

Director's Reports:

Charlie Beaduy: No Report

Jeff Snyder: No Report

Chris Atwood: No Report

Joel Altland: No Report

Paul Brunski: No Report

Philip Frigm: No Report

New Business:

- 1) The May 11, 2010 Board & Dinner Meeting conflicts with the first day of Construct 2010. We will move the date to May 4, 2010 for the May meeting.
- 2) AIA now will require us to pay a \$150 fee to continue as an Authorized Provider of AIA credits. This needs to be paid by December 31, 2009. Since this is an important service provided by our Chapter to its members, we will pay the fee. Bill Brightbill will issue payment before December 31, 2009.
- 3) Discussed the questionnaire on Region Liaison contacts.

Motion to adjourn was presented:

Motion by: Jake Burkholder

Seconded by: Paul Brunski

Motion to adjourn was unanimously passed at 4:58 pm.

*Respectfully submitted,
Rich Forsberg, CSI, CCCA*



*Rich Forsberg,
CSI, CCCA*

(Continued from page 7)

mand less and less expertise."

"Some have said that all professional organizations have suffered loss of members and inability to connect with younger people. That may be true in most cases, but it is not an excuse to relax. Those organizations that survive will have found something of value that will attract new members. You claim to represent all those involved in construction, yet you have done little to attract most of them. They represent an untapped resource of

knowledge and challenges that can carry you into the future."

"You do have much to fear, and much to do if you are to avoid the future we have seen this evening. That is but one possible path, though it is one that becomes more likely with each day you do nothing to avoid it. It is possible to regain your former stature, but only if you look to the future. What was it that made you great? It was your ability to see the needs of communication in the construction industry and to provide solutions for those problems. Yes, certification has become

more important in the construction industry, but if that certification is not required, it has minimal value. And yes, education is important, but there are many well-established sources of education, and you have little chance of displacing them."

The End?

We leave Scrooge on the verge of waking. What will he do when he wakes? Will he regain the intensity of his youth, or will he be content to rest on his laurels, meeting old friends until they are no more?

Sheldon Wolfe, RA, FCSI, CCS, CCCA



Jan Myers,
Advertising Chair

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Calling All Reps!

Would you like to highlight your company or a special product? Do we have a deal for you. For a mere \$125-\$150 you can display your wares during the social time and have 10 minutes of everyone's attention during dessert at one of our CPC/CSI dinner meetings. What an awesome opportunity to hit several specifiers at once. If you are a member of this chapter, it will cost \$125. If you are not, it will cost \$150. For more details, see the CPC-CSI.org website. To schedule a table top, call Jan Myers at 717.238.4910. Thanks!

Jan Myers
Advertising Chair



**Central Pennsylvania Chapter of the Construction Specifications Institute
Table Top Display Registration**

Name/Contact: _____

Company: _____

Meeting Date: _____

Telephone: _____ E-Mail: _____

Cost: \$125 members /\$150 non-members (does not include meal)

Fee Includes:

1. One 72 x 30 inch table to display product.
2. Display time: 6:00 - 7:00 P.M. (During social hour)
3. Presentation: 10 minute presentation during desert.
4. Electrical: Outlets available. Vender supplied extension cords.

Contact: _____

CPC _____ Committee

717- _____ - _____

Calendar of Events

January 12, 2010

CSI Central Pa. Chapter
Dinner Meeting & Program - Radisson, Camp Hill, PA, 6:00 p.m.: "Performance and Detailing of Exterior Wall Assemblies" presented by Matthew C. Farmer, PE, Wiss, Janney, Elstner Associates, Inc.

January 13, 2010

Green Building Association of Central PA – Energy Conservation Seminar at the Cumberland County Historical Society Building, Carlisle, PA, 4:00 p.m. to 6:00 p.m., presented by a representative of PPL Sustainable Energy Fund. Go to www.gbacpa.org for more information.

January 20, 2010

International Facility Management Association of Central PA – Lunch Meeting and Seminar "When Every Second Counts, Will Your Generator Deliver?" at McClure Co., Harrisburg, PA, 11:30 a.m. to 1:30 p.m. For event information go to www.ifmacentralpa.org.

January 21, 2010

Green Building Association of Central PA – Cabin Fever Reception at the Appalachian Brewing Co., Harrisburg, PA, 5:00 p.m. to 7:00 p.m. Go to www.gbacpa.org for more information.

January 29, 2010

Early deadline to register for the CDT, CCS, CCPR and CCCA exams

February 9, 2010

CSI Central Pa. Chapter
Tour of the Pennsylvania Judicial Center at the Capitol Complex, Harrisburg, Pa. & Dinner Meeting. More information coming.

February 26, 2010

Final deadline to register for the CDT, CCS, CCPR and CCCA exams

March 17, 2010

CSI Central Pa. Chapter
35th Annual Exhibitors' Show - Radisson, Camp Hill, PA. Education seminars throughout the day.

March 29 - April 3, 2010

Certification exams

April 13, 2010

CSI Central Pa. Chapter
Dinner Meeting & Program
A Look at ConsensusDocs

April 16-17, 2010

CSI Middle Atlantic Region - Leadership Orientation Seminar (LOS), at the Radisson, Camp Hill, PA. Go to www.mar-csi.org for event information.

May 4, 2010

CSI Central Pa. Chapter
Dinner Meeting & Program

May 11-14, 2010

CSI 54th Annual National Convention & Hanley Wood Exhibitions Construct 2010 – "Foresight is Power," co-located with the TFM Show, Pennsylvania Convention Center, Philadelphia, PA. For event information go to www.constructshow.com.

June 8, 2010

CSI Central Pa. Chapter
Dinner Meeting & Program

June 10-12, 2010

AIA – 2010 National Convention & Design Exposition, "Design for the New Decade," Miami Beach Convention Center, Miami, FL.

September 23-26, 2010

CSI Middle Atlantic Region Conference, "Preserving Our History," Annapolis, Maryland, at the Historic Inns of Annapolis. For event information go to www.marc2010.org. Hotel reservations can be made at telephone (410) 263-2641; ask for "CSI Conference" rate.

Oct, 17-19, 2010

USGBC Greenbuild 2010 International Conference and Expo, Chicago, Illinois. For event information go to www.greenbuildexpo.org

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EXHIBITORS' SHOW

THE CENTRAL PENNSYLVANIA CHAPTER OF THE CONSTRUCTION SPECIFICATIONS INSTITUTE, INC.



Knowledge
for Creating
and Sustaining
The Built
Environment



www.cpc-csi.org

MARCH 17, 2010
11:00 A.M. - 6:00 P.M.
CAMP HILL RADISSON
1150 Camp Hill Bypass, Camp Hill, PA

Don't miss this chance to exhibit at Central Pennsylvania's Premier Exhibit Show attended by architects, engineers, contractors, facility managers and building owners.

The Show Committee will feature free food, wine, coffee, soda and cheese. Door prizes will be drawn hourly.

Complete and return the Reservation Form below to reserve your space for this exciting event. Check must accompany reservation form. Exhibit spaces (6 feet deep by 10 feet wide) are \$500 and will be provided with one table and two chairs, if desired. Spaces will be limited to 90 on a first-come, first-served basis.

The schedule is as follows:

Set-Up 6:00 A.M. until 11:00 A.M.
Show Time 11:00 A.M. – 6:00 P.M.
Down & Out 6:00 P.M. – 10:00 P.M.

Each exhibit space will be provided with a duplex receptacle with 110 volt power, if requested. (Please check the box on the Reservation Form if you will require 110 volt outlet.) NO POWER EXTENSION CORDS will be provided with the spaces. If required by you, please provide your own. Each exhibit space will be provided with a back drop and side drops.

THIRTY-FIFTH ANNUAL EXHIBITORS' SHOW 2010 COMMITTEE

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CENTRAL PENNSYLVANIA CHAPTER CSI OFFICERS

Don Scruggs, CSI, CDT, CCCA *President* Jake Burkholder, CSI, CCPR *President-Elect*

CPC CSI 35th ANNUAL EXHIBITORS' SHOW RESERVATION FORM

RETURN TO: Larry E. Saylor, CSI, CDT, NCARB, AIA, 930 Century Dr., Suite 103, Mechanicsburg, PA 17055.

COMPANY _____
ADDRESS _____
PHONE _____ FAX _____ E-MAIL _____
REPRESENTATIVE _____

Enclosed is our check in the amount of \$ _____ for _____ exhibit spaces.

Please advise major product being displayed _____
(Please make check payable to Central Pennsylvania Chapter, CSI)

___ Yes, we will require a 110 outlet.