



Knowledge for Creating
and Sustaining
the Built Environment

The Predicator

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Portland, Oregon Chapter — The Construction Specifications Institute

CSI
P.O. Box 5116
Salem, OR 97304
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: jane@portlandcsi.org
Web site: www.csinet.org

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Hear Ye, Hear Ye! Come hear about Pro Baseball in Portland, Oregon



IN APPRECIATION OF ARCHITECTURE WEEK

It is no secret that Major League Baseball has formed a special relocation committee to recommend a new home for the Montreal Expos in 2004. The committee has heard formal presentations from Oregon and Washington D.C. area delegations.

The facts are undeniable:

- Major League Baseball has decided to relocate one franchise and will quite possibly relocate a second.
- Portland is the largest metropolitan area in the nation without an MLB franchise and the largest with only one major professional sports franchise.
- Oregonians have demonstrated ample passion for Major League Baseball, documented by stunning TV ratings and an overwhelming response to the 2002 major league exhibition game at PGE Park.

While newly renovated PGE Park is poised to serve as an interim venue for the state's new team, a new ballpark is the key to Oregon's chances for acquiring an MLB franchise. The Oregon Legislature has approved a plan for financing up to \$150 million of the new ballpark through team-generated income tax revenue, vaulting Oregon into position to be the home of Major League Baseball as soon as next season. As the complete financing plan for the ballpark is finalized, both the Oregon Stadium Campaign and Oregon's governmental entities share the philosophy that no financial resources shall be diverted from schools or any existing public services to fund a new ballpark. Only those public revenues that are generated as a result of Major League Baseball in Oregon will be dedicated toward the construction cost of a ballpark.

Several desirable options are available for the development of a new MLB ballpark in Portland. The City of Portland and Oregon Stadium Campaign are in the process of examining each of the possible sites based on a wide range of criteria.

Join CSI and a panel from the Oregon Stadium Committee and Portland Baseball Group for dinner Tuesday, October 21st for a lively presentation and discussion about bringing major league baseball to Oregon. Site location renderings will be displayed during cocktail hour.

**Cost: \$30 per person Pre-registered members,
\$40 for non-members & late registrants.
\$220 for a table of 8 Pre-Registered**

Time: 5:30 Hospitality, 6:30 Dinner, 7:30 - 9:00 Dinner

Place: Princeton Ballroom, Catered by Jakes

Register today!

Wear a baseball cap from your favorite National or American League team and you could win a free dinner if you are wearing the cap of a team to be drawn from a hat before the program. The free dinner can be used at any CSI dinner meeting before June.

PRESIDENT'S MESSAGE

By Cherie McNabb, CSI, CDT



I have now had my first board meeting and everyone involved survived (pheeew!).

On August 19th we had a very effective summer planning meeting. Many achievable goals were set for the year. Now that the goals have been set the call for volunteers to assist in

reaching these goals is needed. So here are the goals, get ready to write down which one you are ready to work on and email Cherie cheriemcnabb@worldnet.att.net or Jane Phifer jane@portlandcsi.org. This way you are assured a spot on the committee.

GOALS:

*PROGRAMS

1. Budget will be set for each program
2. Raise the profile of vendors

*INCOME

3. Certification classes profitable
4. Education events springboard off of dinner meeting topics

*PRODUCTS & SERVICES FAIR

5. Key note Speaker

*GOLF

6. More Active Committee
7. One 5K sponsor in addition to gold & silver sponsors

*MEMBERS

8. One new member for each member of the organization
9. Mentoring

*AWARDS

10. Active awards chairman

*THE PREDICATOR

11. Increase Member value
12. Editorial Committee – Scott Dicker, Randy Tessman, Dave Shelman, Lee Kilbourn, Jane Phifer

*ADMINISTRATIVE

13. Mass Email

*WEBSITE

14. Alternative Webmaster (ie., spec source)

*PUBLICITY

15. Public Service
16. List of Publications
17. Press Release

OK.....Get on that computer and send off the committee interest email. I will wait.....

We have a great board and the ideas were just flying on August 19th. We also discussed the Strategic Long Range Plan that was done by the Portland Chapter CSI in 2002. We have some reachable goals that need focus in this plan too.

The 10 to 30 year Big Audacious Goal (B.A.G.)

- CSI will be recognized as the indispensable resource for knowledge on the process of creating and sustaining the built environment.

STRATEGIC FIVE YEAR GOALS:

- *1. CSI-PC will be its members' indispensable resource for leading edge educational programs, services, and experiences (PSE's).
- *2. CSI-PC will be recognized authoritative industry advocate, voice and source for construction knowledge.
- *3. CSI-PC will be financially secure and stable through development of new diversified sources of non-dues revenue. All of these have a more detailed description that many of us board members have and can provide to you.



Group picture of many of the participants at Billy Reed's for the summer planning meeting – by the way Billy Reed's is a very fun restaurant its at 2808 NE Martin Luther King Jr. Blvd.



Doug Allen doing a recap of some of the brainstorming break out sessions we had. - Scott Dicker explaining the goals brought up during the Programs and income breakout session.



Rick Heiserman giving us the run down on the Region Conference. This will take place in Boise Idaho on October 2-5. All interested parties should contact Rick)

BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



My local newspaper has a daily column entitled "Heloise". In a recent column entitled, "Speak slowly when you leave messages on someone's answering machine." She lists a few tips including the following: Make your message short and to the point, speak slowly especially when giving a phone number, include area code first - some person is trying to write it down. Then repeat the number slowly and also be sure and leave your name. I have had much trouble trying to

understand some messages on my answering machine. When I leave a message on someone's answering machine I slowly give my name and then give area code with a hesitation, then telephone number also slowly with a hesitation between the three digits and the four digits. Over the past years I have been unable to understand many messages and I am sure some people are unhappy that I did not answer their messages. One of my CSI friends read this and said, "Hey, Ken get a more expensive Fax machine." Big help Huh?

At a recent Specifiers Share Group meeting in Portland it was decided that we would add the following requirement to AIA 201 General Conditions: Specifications Supplementary Conditions, Article 13, Miscellaneous Provisions, add 13.8.1 Sustainable Requirements as follows: If Owner specifically wants a new product NOT as sustainable as product or system originally specified, that constitutes a Change Order not a Substitution Request.

I listed the following joke centered around a Minister in a BS Column several months ago. Some of my friends said, "How come I didn't include Priests?" I am now including them as follows: Did you hear the one about the CSI Specifier who died and went to Heaven. St Peter personally escorted the CSI Specifier to a very large mansion on top of a beautiful hill in Heaven. St. Peter told the CSI Specifier that this mansion was to be a new home for the CSI Specifier. Several years later a Priest arrived in Heaven and was escorted by St. Peter to a medium sized mansion partway up the hill. St Peter stated, "This is your new home, Welcome." The Priest asked St. Peter if he could have that very large mansion on top of the hill. St. Peter stated, "That mansion is occupied by a CSI Specifier. We only have one CSI Specifier but we have lots of Priests." By golly, there is message in all this somewhere, I think. I will toss in a silly item that was in our daily newspaper. Did you hear the one about a new system that allows you to report power failures via the Internet?

The Portland CSI Chapter now has a Product Representative Share Group and at this point is unique to the Portland Chapter. But, hopefully they say it might spread like an uncontrolled virus to other Chapters as well. (I don't like the word virus. One of them ate up my old computer).

I note that this BS Column number 301 includes 2 years of my Chapter Presidents Column when I was President of the Portland Oregon Chapter. I can't believe I have written so many BS Columns. A friend? said I was full of it. I am not going to tell you what my wife said.

PERKY'S NOTES

By Perky Kilbourn, CSI

There has been some interest in exactly how one tests for "Substances of abuse" in urine so here is "Toxicology 101".

Initially you must understand the definition of two terms:

Antigens - substances which cause the production of antibodies.

Antibodies - substances which are synthesized in response to an antigen.

Antigens and antibodies bind to one another in animals and in test tubes.

"Substances of abuse" can be attached to antigens.

"Substances of abuse" are present in extremely small quantities in the urine of someone who is using a "Substance of abuse".

Tests which are done in the laboratory to detect a "Substances of abuse" generally follow this outline

1. attach the "Substance of abuse" to an antigen
2. mix the "Substance of abuse"-antigen with urine (to be tested).

3. add an antibody (specific for the "Substance of abuse"antigen) to the "Substance of abuse"antigen-urine mixture

4. note the amount of bound "Substance of abuse"-antigen - antibody in the urine.

The amount of "Substance of abuse"-antigen - antibody is indicative of the amount of "Substance of abuse" which was in the urine (which was being tested).

This is really not as bad as it seems because there are instruments which do all the steps.

The technologist just puts the urine in a cup in the instrument and checks to be sure the controls (urine with known amount of "Substances of abuse") are within range. Then the technologist determines whether the amount of "Substance of abuse"-antigen - antibody is indicative of any "Substance of abuse" being in the urine.

Please let me know if you have any questions.

By Dave Shelman, CSI, CCS



MasterFormat™ Expansion Heading Home

The last time we visited the subject of MasterFormat (MF) expansion was in April. At that time guest columnists Jim Wilson, CSI CCS and Christine Steel, CSI CCS debated the merits of Draft 3 as proposed by the MF Expansion Task Team (MFETT). An outline version of Draft 4 was posted on the CSI website in late May and the MFETT has been receiving comment and further revising the proposal. A fully detailed description of Draft 4 was just posted on the CSI website September 3rd. The overall project timeline has been extended, with comment on Draft 4 open until November 7 and MF 04 will be published and available for purchase (and use) by the end of 2004.

The process has been long, arduous and sometimes acrimonious. The proposals have ranged from minor tweaking to major restructuring—with as many as 88 Divisions! The underlying thrust of the expansion effort became more apparent as the process evolved. This effort is about broadening the realm of classifying information beyond typical building construction. In keeping with one of CSI's primary long-range goals—"CSI will be recognized worldwide as the indispensable resource for knowledge on the process of creating and sustaining the built environment"—the MFETT has incorporated other sectors involved with "the built environment", including the construction of roads, bridges and other major civil projects: facilities management and maintenance; and specialized areas of manufacturing involving processing, power generation, liquid handling. These are all activities that fall outside the typical project designed by an A/E team. The form and structure that has emerged in the "final" Draft 4 appears to satisfy this ambitious agenda. The result will not be perfect for all users but it seems to address many of the weaknesses of MF 95 and many of the concerns of the specifying community that participated in the process through public and submitted comment.

Through the SSG (otherwise known as the Technical Committee) the Portland Chapter has made comment on the previous drafts. Early on we had concerns that the new system might abandon the logic of construction sequence inherent in the current 16-division MasterFormat 95. We also did not endorse the idea of proliferating Divisions

simply to create more room for future Sections. In the comments we submitted to the MFETT in June of 2002, we made these recommendations, among others:

1. Make sure that all changes retain the conceptual arrangement of construction from Sitework in Division 2 to Finish and Equipment items in the higher divisions—roughly following the sequence of construction.
2. Rather than focus on whole series of new Divisions more attention could be paid to adjusting the section numbering system (adding another digit or using a hyphen or decimal) to create more placeholders. After all, the American library system has figured out methods of classifying far more diverse information using a fairly basic numbering method.

In this Draft 4 of MasterFormat 04 the MFETT introduced the framework of "Groupings" to contain major categories of Divisions. This allowed for a separation of realms—i.e., facilities management is not mixed in with construction. It also allows for most of the current Divisions used in architectural specifications to maintain their current division structure under the Facility Construction Subgroup. Draft 4 continues the other major modification, first proposed in Draft 3, to change the section numbering system from 5 digits to 6. This multiplies the "spots" available for new sections by a factor of 10.

The outcome of these changes is yet to be seen, but the traditional Project Manual for building construction will not look a lot different in the MF 04 era than it does today. The most visible differences will be in the Civil, Mechanical and Electrical disciplines. We will all have to adjust to some relocation of specification content.

For more information go to the CSI main website (www.csinet.org). Look for links to the work of the MasterFormat Expansion Task Team. Take advantage of the opportunity to add your comments to the discussion of the proposed plan. This is the final month for your input!

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Announcements are sent out to Share Group attendees approximately a week ahead of each meeting. If you do not currently receive the announcement and wish to, send an e-mail message to either Isaac Tevet (itevet@ffadesign.com) or myself (david@thomashacker.com).

By Randy Tessman, CSI

An Introduction Of Sorts

Product and manufacturer representatives constitute a large portion of CSI's general membership. In an effort to increase our voice in the architectural/design community, this Product Representative Forum has been created.

That product representatives should educate and assist design professionals would seem a logical conclusion. Manufacturers want their products to be specified, selected, and installed correctly under the proper conditions, don't they? The value of the manufacturer increases in employing a representative to make certain that, at a minimum, their product is specified properly. We will discuss how manufacturers address the installation question in a future article.

The Architect/Design community benefits from the relationship with a reliable product representative. Here is a person to whom those more difficult specification and installation questions can be directed. Here is a contact for detailed drawings and samples of products to be used on the project. Here is a person who is left standing when there is- heaven forbid- a problem at the jobsite. In the least, here is a free lunch.

In turn, most product representatives benefit from the relationship as well. Often the representative derives part of their income if his or her product is specified and actually used on a project. Whether this is a bonus for a particular job or a commission for a yearly increase in commercial sales, the result is an advantage for the product representative.

It is my intention in the following months to provide a place for the product representative to address issues related to specifications, product presentation, and construction. One of the goals is to provide professionals and other industry members a different viewpoint. If this forum sparks additional conversation and further discussion, it will be an indication of its success. As my friend Ken Searl likes to tell me, "Once a rabble rouser always a rabble rouser."

This forum will also highlight educational opportunities provided by CSI for Product Representatives (the Product Representative Academy, online seminars, and joint meetings with the Specifiers' Sharegroup).

If you have subject matter that you feel should be discussed, please contact me at rtessman@canby.com. All that I ask is that ideas are not brand or person specific or libelous.

The Product Representative Share Group is alive and well. Our next meeting is Noon October 14, 2003 at Billy Reed's Restaurant, 2808 NE MLK Blvd. We will be discussing a wealth of program ideas for the year. See you there!

By Scott Dicker, CSI, CDT

Last June, Cherie McNabb, Scott Dicker, Jane Phifer, Lee Kilbourne and Rick Heiserman represented the CSI-Portland Chapter at the first CSI University in Philadelphia. This was an absolutely fantastic experience. Attending the informative classes, sharing ideas with fellow CSI chapter leaders, and experiencing the excitement of other people dedicated to the construction industry were empowering.

The CSI University is an educational program developed by CSI members for CSI members. The University provides educational opportunities, which will enhance member's knowledge about their organization and promote career growth. This is a University without walls, which is an integral part of the new Culture of Learning. CSI University was named to recognize the levels of organizational excellence that can be obtained by members who are seeking to build and/or increase their leadership and professional business skills.

CSI University is designed to provide a standardized method of educating our leaders at every level within CSI. The purpose is to provide a standardized way to insure that our organization is producing the best leaders possible so that the leadership process does not become a hurdle for our volunteer leaders. Life experiences and other organizational experience from CSI's diverse membership is encouraged and rewarded within the framework of CSI University. Participants are provided with an opportunity for continued personal and professional growth; in addition to simultaneously helping to strengthen the organization and our membership.

A learning culture at CSI is one in which all members of the leadership community are committed to learning from one another, the environment from which we operate and from the membership. It is a leadership community that has a common set of goals, a common body of knowledge, and shares a universal passion for personal improvement with individual and collective support from our members.

The curriculum is designed to provide development in two areas:

EXECUTIVE LEADERSHIP DEVELOPMENT

- Strategic Planning Overview
- How to Run Meetings & Parliamentary Procedure
- Budget Management
- The CSI Organization: Roles & Responsibilities
- Managing Electronic Communications
- Board Operating Practices

INTERPERSONAL SKILLS DEVELOPMENT

- Training Tips: Presentation Skills & Preparation
- Meeting Planning 101 (Logistics & Program Development)
- Time Management
- Understanding Communication & Learning Styles
- Effective Project Management & Organizational Skills
- Becoming A Mentor

Next June, CSI University will be held in San Antonio, Texas. If you want develop your leadership and interpersonal skills, chapter members are strongly encouraged to attend this life changing learning experience.

2003 CERTIFICATION - CSI PORTLAND CHAPTER MEMBERS

Congratulations to the following CSI Portland chapter members who passed the CSI's certification programs. This certification program offers a comprehensive overview of construction documents and their application to the various aspects of the construction process. It is the ideal knowledge enhancement for anyone who writes, interprets, enforces, or manages construction documents.

Donald Long, CSI, CCPR
Grace Construction Products

Bryan Monroe, CSI, CDT
Commercial Contractors, Inc.

Dena M. Null-Cook, BA, CSI, CDT, AIA
Zimmer Gunsul Frasca Partnership

Douglas W. Sams, CSI, CDT, AIA
Zimmer Gunsul Frasca Partnership

Jennye Smith, CSI, CDT
LSW Architects, PC

Arlen Stanek, CSI, CDT
LSW Architects, PC

Randy E. Tessman, CSI, CDT
Benjamin Moore Paints

The CSI certification can help you establish your professional credentials, gain industry recognition, sharpen your competitive edge, improve your skills and knowledge, boost your earnings potential, prepare you for greater on-the-job responsibility, improve your ability to communicate, demonstrate your commitment to excellence, and build your confidence.

Watch for future announcements in *The Predicator* for 2004 Portland-CSI Chapter Certification programs.

Timothy L. Clem, CSI, CDT
Giffin Bolte Jurgens

Amy E. Clements, CSI-S, CDT
Student

Miguel A. Hidalgo, CSI-I, CDT
Thomas Hacker Architects

Amy K. Hjelte, CSI, CDT
LRS Architects

David J. Humber, CSI, CDT
MGH Associates, Inc.

Michael J. Kapp, CSI, CDT
Mike Kapp

Susan L. Kem, CSI-I, CDT
Industry Member

RENEWING CSI MEMBERS - MARCH

Altotsky, Gregory, CSI
Armstrong, John A., CSI
Baker, John H., CSI
Beasley, Mark, CSI
Bitterman, Don, CSI
Blackwood, Timothy W., CSI
Brown, Dennis A., CSI
Carleton, Brian D., CSI
Carlton, Dave, CSI
Chomowicz, Fred, CSI
Christie, Jim, CSI
Clark, William R. Jr., CSI, CDT
Clem, Timothy L., CSI
Coggins, A.M., CSI
Cotner, Howard Phillip, CSI
Crouse, Kenneth L. Sr., CSI
Decker, Terry L., CSI
Delk, Scott, CSI
Duling, James, CSI
Gauthier, Timothy J., CSI

Goodman, John, CSI
Grasle, Jon R., CSI, CDT
Hall, Jerry A., CSI
Hart, David L., CSI
Hirte, Jim, CSI, CDT
Hood, Clifford M., PE, CSI
Hungerford, Darrell, CSI
Iosty, Don, CSI
Irwin, Christine, CSI, CDT
Jacobson, Bryce, CSI
James, Steven F., CSI, CDT
Kem, Susan L.
Kimball, David, CSI
Kuykendall, Dale A., CSI, CCCA
Lape, John B., FCSI, CCS, AIA
Leandro, Angelo S., CSI
Lungershausen, Alexander, CSI
Martin, Scott, CSI

Mitchell, Jim, CSI
Muhle, Michael R., CSI, CDT
Okana, Robert, CSI
Piekenbrock Richard, CSI
Robinson, Gene, CSI, CDT
Rydman, Dave, CSI, CDT
Spencer, Tim W., CSI
Swick, Ronald G., CSI, CDT
Taylor, Denny, CSI
Trapp, Patricia A.
Wade, Travis, CSI
Welsh, David G., CSI
Woodworth, Thomas D., CSI
Wundram, Edward, CSI, AIA, DBIA

THE JUNE 2003 BOARD MINUTES

CALL TO ORDER: The meeting was called to order at 12:05 by President Jim Wilson at the Portland Chapter AIA Conference Room.

PRESENT: Jim Wilson, Michael Wilson, Denise Carpenter, Scott Dicker, Doug Allen, Cherie McNabb, Jody Moore, Jane Phifer, John Lape

ABSENT: Carolyn Miller, Bob Schroeder, Joe Bolkovatz, Dennet Latham

GUESTS: Lee Kilbourn, Ellen Onstad, Erica Bitterman

1. TASK TEAM REPORT

Budget: It seems there is enough money in the budget, but they keep reallocating the monies. They came up with proposed goals to get the budget completed. The committee stated that they feel the dollar amounts are correct but there will need to be adjustments in allocations.

Newsletter: The board asked Jane to give a proposal of doing the newsletter for them.

A motion was made and passed to accept the proposal by Jane as written pending the outcome of the task force.

Chapter Records and Archives: Denise will contact Margie to get the archives picked up at her office within the next week.

1. COMMITTEE REPORT

Products and Services Fair: Ellen has offered to take over the vendor portion of the products fair and Cornelia will continue to do her part. The booth fees will be raised by \$50. Ellen and Cherie will have a planning meeting late June early July.

Golf Tournament: She has sent over 300 letters. 6 hole sponsors, 2 silver sponsors, 2 gold sponsors, 4 KPS and 3 LDS are sold. We need 12 more hole sponsors and 10 more foursomes. It was suggested to put together a committee to get suggestions for contacts. Erica will print up flyers and bring them to the dinner meeting next week. Jim will bring his putter return to the dinner meeting to have people putt. Erica, Scott, Cherie will meet on Monday at Erica's office at 11:30 to brainstorm.

3. FINANCIAL REPORT

Current Report: It is predicted that we will have a loss for the year we will report the amount once the books have been closed for the year.

03/04 Budget: The committee is in agreement that the numbers are correct but there will be reallocation of the dollar amounts. A motion was made and passed to accept the balanced budget of (draft 5) of \$162,550 for next year knowing that dollar reallocation will happen. Finance task team will review budget and reallocate the funds to be finalized in September after the planning session.

4. BOD MINUTES

A motion was made and approved to accept the May minutes with the discussed revisions.

Next planning session is for July 25th 11:00 until 4:00 location to be announced.

Adjourned at 1:30

Respectfully Submitted,
Doug Allen
Secretary

OCTOBER

ACROSS

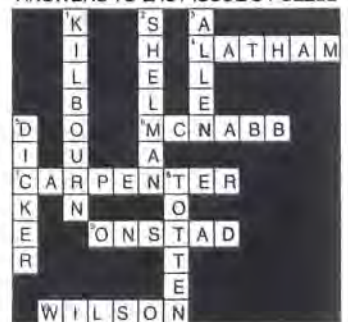
1. The T in CDT
4. Place for NWR Confer
6. Portland Website
7. Month for NWR Confer
8. Sign up for CDT

DOWN

2. The C in CDT
3. NW Region Website
5. The D in CDT



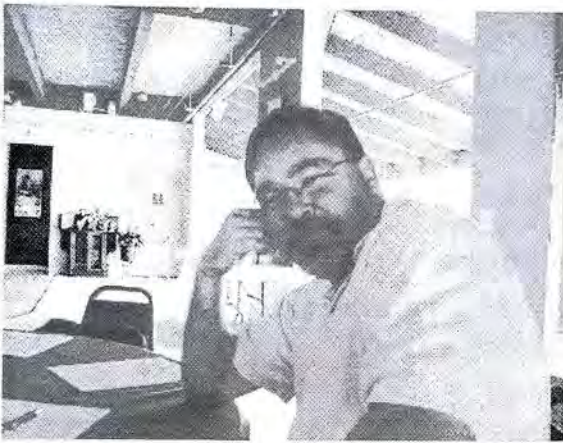
ANSWERS TO LAST ISSUE'S PUZZLE



MEMBER NEWS



Lee Kilbourn and Mary Alice Hutchins present the scholarship check to our CSI scholarship winner Belinda Borelli.



Randy Tessman is always a team player. He was at the summer planning session and has been a great asset to CSI for many years in many ways. He is the official photographer for CSI which has been terrific. We thank him for all his extra effort he has put out for Portland Chapter of CSI.



Name this dedicated CSI member...
Win a free dinner at the next CSI meeting.

Email Jane Phifer your vote...

Jane@portlandcsi.org

CSI would like to extend our deepest sympathies to CSI member Dar Hoogstad who's son Bryan age 23 passed away September 11, 2003. Our thoughts and prayers to Dar and her family.

CONFERENCE OF STATES ON BUILDING CODES & STANDARDS

October Conference Brings Together Code Enforcers,
Construction and Information Technology Industries to
Strengthen Public Safety & Revitalize Local Communities

This **October 19-22**, building regulatory personnel, academicians, and representatives from the construction and information technology industries from across the nation will gather at **the Portland Marriott Downtown** to share best practices and discuss actions to enhance public safety and the economic revitalization of communities. The program is the Joint Annual Conference of the National Conference of States on Building Codes and Standards (NCSBCS) and the Association of Major City and County Building Officials (AMCBO) and the Third National Forum on Building Smarter in the Digital Age.

The program features hands-on demonstrations of hardware and software being used by state and local building departments in their online permitting, plans submittal, plans review, and field inspections processes and includes discussions of actions being taken at the national level to make those products interoperable. Other subjects being covered at the October 19-22 conference include:

- The use of building rehabilitation codes to revitalize communities;
- Building seismic safety provisions in construction codes;
- How the ISO Building Code Effectiveness Grading Schedule is addressing delays in state and local code adoptions;
- Construction industry safety expertise that is being made available to state and local building departments and homeland security directors by The Infrastructure Security Partnership;
- Business one-stop processes for codes enforcement;
- Models of effective cooperation between building and fire departments;
- How state and local governments are assembling and adopting a compatible family of construction codes; and
- A look at significant changes in the future of the regulatory system that oversees the design and construction of buildings in this nation.

Invited guest speakers and moderators include: Oregon Governor Ted Kulongoski; Deborah Wince-Smith, President of the Council on Competitiveness; James Lee Witt, former Director of Federal Emergency Management Agency and new CEO of the International Code Council; Cathilea Robinett, Executive Director of the Center for Digital Government; Norbert Young, McGraw-Hill, publishers of Engineering News Record; and Gerry Wethington, President of the National Association of State Chief Information Officers.

Regulatory streamlining initiatives that make use of information technology will be featured at the conference's special one-day session on October 20, "The Third National Forum on Building Smarter in the Digital Age." That program will share with attendees progress being made in Oregon on their streamlined business one-stop process project and focus on recent work products released by the National Alliance for Building Regulatory Reform in the Digital Age including:

- model procurement guidelines for purchase of hardware and software used in the codes administration and enforcement processes;
- model enabling legislation and streamlining processes for state or local building departments;
- online guide to jurisdictions that can provide assistance to jurisdictions planning on using information technology;
- model "interoperability statement" that jurisdictions can use in their procurements of the shelf software for online permitting systems; and
- successful examples of how to work with your construction community and public to build support for undertaking regulatory streamlining and acquiring information technology.

Oregon's Department of Consumer and Business Services, Building Codes Division, and the City of Portland's Bureau of Development Services are co-hosting the Joint NCSBCS/AMCBO Annual Conference and Third National Forum. The State of Oregon is awarding CEU credits to their state's building officials who participate in the conference and the Oregon Chapter of the American Institute of Architects also is awarding CEU's to their members who participate.

A detailed narrative agenda for the October 19-22 program, registration forms, hotel accommodation and transportation information are found on the NCSBCS website -- www.ncsbcs.org or can be obtained by contacting Carolyn Fitch at NCSBCS by e-mail: cfitch@ncsbcs.org or phone: 703-481-2035.

The Association of Major City and County Building Officials (AMCBO) provides a national forum for building officials of large cities and counties to discuss their mutual interests and seek solutions to common problems in the administration of major building departments.

BENEFIT FOR LONG TIME CSI MEMBER DENNIS OBERT

*Are you ready for a trip down memory lane?
Revisit your Flower Power Days?
Make a Difference for Dennis Obert?*

YOUR INVITED TO A GROOVY SIXTIES PARTY AND AUCTION OCTOBER 18TH 2003, 6-10 PM

**Mountain Park Recreational Center
2 Mt. Jefferson Terrace
Lake Oswego, OR 97035 (Map on back)**

**With:
Dancing to Cool 60's Tunes
Best 60's Costume Contest
Live and Silent Auctions
Great Games, Food, Drink**

THE COSTUME PARTY AND AUCTION WILL BENEFIT THE FRIENDS OF DENNIS FUND

This special event is part of the *Living Well with ALS Program* to help Dennis Obert continue to live with ALS in comfort and grace. Our goal is to raise \$50,000 for his medical expenses by the end of 2003. ALS is a neuro-degen-erative disease often called Lou Gehrig's Disease.

Please RSVP by October 1st, to one of the following: Marilyn Laufenberg (503-246-0045); Becky Kraeg (503-296-8546); Becky Crew (503-699-0284) OR Alice Burkleaux (Alicemb@aol.com). Make check payable to *Friends of Dennis* for \$30 per person, and send to: Alice Burkleaux, 14 SE 71st Avenue, Portland, OR 97215

Auction Donations:

If you'd like to contribute an auction Item, please call Noanie Kittilson at 503 293 6843, or Noaniek@aol.com. and arrange for a pick up by October 1st.

Groovy auction might include vacations, airline tickets, services or household items.

We look forward to celebrating with all of you. Wishing you peace and love,

The *Friends of Dennis* Committee

THE CONTACTS

PORTLAND OFFICERS & DIRECTORS

President	
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Portland Website
www.portlandcsi.org

INSTITUTE DIRECTORS

2001-2004
Jeff Callahan, CSI, CCCA
Ph: 907-786-6425 Fax: 907-786-6444
Email: afjcc@uaa.alaska.edu
University of Alaska Anchorage
PO Box 104882
Anchorage, AK 99510
2003-2005
Rick Heiserman, CSI, CCCA, AIA
Ph: 503-245-7100 Fax: 503-245-7710
Email: rickh@amaa.com
Ankrom Moisan Associated Architects
6720 SW Macadam Avenue, Suite 100
Portland, OR 97219

Region Website
www.csinwr.org

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NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK	(Third Tuesday)
Dan Graham, CSI, CDT.....	907-261-9203
Puget Sound, Seattle, WA	(Second Tuesday)
Andrew Estep, CSI.....	206-382-3393
Mt. Rainier, Tacoma, WA	(First Thursday)
Perry White, CSI, CDT.....	800-344-8042
Spokane, WA	(Second Thursday)
Mark Elliott, CSI, CDT.....	509-624-4281
Portland, OR	(Second Tuesday)
Jane Phifer, CSI.....	503-805-2500
Capital, Salem, OR	(Third Thursday)
LaVone Clausen, CSI.....	503-371-2070
Willamette Valley, Eugene, OR	(Last Thursday)
Rodd Hansen.....	541-687-9600
Idaho, Boise, ID	(First Tuesday)
Jon Farren, PE, CSI, CDT.....	208-429-1307

October 2003

Sun Mon Tue Wed Thu Fri Sat

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5	6	7	8	9	10	11
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19	20	21	22	23	24	25
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- 10/2 - 10/5 - CSI NW Region Conference, Boise, ID
- 10/7 - CSI Board Meeting - AIA Office
- 10/9 - CSI Specifiers Share Group Meeting
- 10/13 - CSI Membership Committee Meeting, Billy Reed's Restaurant
- 10/14 - CSI Product Representatives Share Group Meeting, Billy Reed's Restaurant
- 10/20 - CSI Program Committee Meeting , TBA
- 10/23 - CSI Specifiers Share Group Meeting
- 10/21 - CSI Dinner Meeting, Out of the Park - Professional Baseball

November 2003

Sun Mon Tue Wed Thu Fri Sat

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- 11/4 - CSI Board Meeting - AIA Office
- 11/10 - CSI Membership Committee Meeting, Billy Reed's Restaurant
- 11/11 - CSI Dinner Meeting, LEED Mandate vs. Reality
- 11/13 - CSI Specifiers Share Group Meeting
- 11/17 - CSI Program Committee Meeting , TBA



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P.O. Box 5116
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Volume 43, Issue #3

November 2003

Portland Chapter — The Construction Specifications Institute

C.S.I. Portland Chapter
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: jane@portlandcsi.org
Web site: www.csinet.org

LEED: Mandate and the Reality
Case Study of the State of Oregon – North Mall Office Building



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November 11, 2003 we will have a rare look at the realities of getting a LEED-certified project built for a public agency using the traditional **design-bid-build process**. The **North Mall Office Building** was mandated under Executive Order of the Governor to be a sustainably designed building.

We hear directly from project team players:

Bill Foster, State Architect Oregon Department of Administrative Services, principal Owner representative with responsibility for implementation of Governor Kitzhaber's executive order.

Nels Hall, Principal with **Yost Grube Hall**, project Design Architect

Steve Strauss, President **GLUMAC International**, project MEP engineers

Our panel discussion will be moderated by **Elain Aye, Green Building Services of Portland**

Our program will address the evolution of the project including:

- Development of the sustainable design strategies for the building in the context of the State's mandate, economic constraints and the delivery process.
- How the results of computational fluid dynamics analysis, energy modeling, daylighting lab modeling and life cycle cost considerations were used to influence design choices.
- How this committed public agency owner and their design team accommodated the challenges of a LEED Silver project with the realities of a lump sum bid delivery process.
- How this lump-sum bid project documented and administered the unfamiliar and specialized requirements necessary for compliance with the LEED program.

**Cost: \$30 per person Pre-registered members,
\$40 for non-members & late registrants.
\$220 for a table of 8 Pre-Registered**

Time: 5:30 Hospitality, 6:30 Dinner, 7:30 - 9:00 Dinner

Place: Princeton Ballroom - Governor Hotel - November 11, 2003

Join us for a current view of an actual project from the team who made the LEED process work for them.

PRESIDENT'S MESSAGE

By Scott Dicker, CSI, CDT



Hello All! Cherie McNabb is on vacation, so here is my first attempt at writing this message. This is an intimidating task, but I am sure first time jitters are common and will be forgiven.

The Northwest Region Conference, October 2-5, in Boise, ID was a fantastic! The highlight was a rousing round of CSI Jeopardy. Jeff Callahan, Industry Institute Director, from the Cook Inlet Chapter served the Alex Trabeck role perfectly. Our own Cherie McNabb and Jane Phifer kept accurate score and selected which team got to answer the question first. Bob Kenworthy, Mr Propeller Head, served as umpire. Questions were prepared from the world of CSI. Topics such as CCCA, CCS, CCPR, CSIU, etc. taxed the participant's collective minds. Each chapter comprised the teams. The Capitol Chapter team included many ringers (i.e. John Lape, Randy Tessman, Tony Keane from Institute) spanked the opponents and took away the CSI Northwest Region Jeopardy Cup. Willamette Valley was second, Mt. Rainier Chapter was third, and your very own Portland Chapter was graceful in allowing the other chapters the opportunity to claim bragging rights. Being the benevolent sorts we are, we allowed the others their days in the sun. Next year, Portland Chapter will (in a menacing Ahnold voice...) "be baaackkkk!"

This was my first experience attending a Region conference. It was quite wonderful meeting the other chapter leaders, members and their spouses. The site beautiful and the programs was well organized and presented. Our chapter had 18 members attend and we had a blast! Seminars included a keynote speech given by Bill Sednivy on *"Our Northwest Rivers: A Shared Resource"*. Friday's topics included *Mold Happens* presented by Ray Donohue & Joe Wendlick; *Construction Claims Drafting & Administering the Contract to Avoid Claims*. Jack Lemley gave an interesting presentation at lunch on *Building The Chunnel*. James Chaney, FCSI, CCCA spoke on *Project Meetings*, John Jeffcott, CSI, CDT, AIA discussed *"Or Equal" Clauses, Substitutions, Warranties, & Specification Enforcement*. To end the day Paul Edlund, FCSI, CCS spoke on *How to write a Specification that will be Read*.

Last months tour of the Clean Water Services Building was memorable, Joe Vlastellecia and Jon Albers, Lease Crutcher Lewis prepared the site for excellent inspection.

Tim Richards and Kent Duffy SRG were great. Jody Moore and I extend special thanks to tour guides Ellen Onstad, Tom Coffey, Rick Heiserman, Bruce Townsend, Chris Irwin, Denise Carpenter for keeping the six groups moving smoothly through the stations. The speakers included Bob Cruz, Terry Chamberlain and Mark Jockers of Clean Water Services; Joe Vlastellecia of Lease Crutcher Lewis; also Nathan Charlton of kpff (structural engineers) and Doug Brown (mechanical engineers) were very informative. All in all it was really really great. Plus, Buster's BBQ served some wonderful fare.

We are celebrating Architects Week with our October 21st program. We have moved the meeting to PGE Park to emphasize our topic ~ Bringing Major League Baseball to Portland. We will have a presentation by John Vosmek, he will be talking about the site selection process, Steve Kantor the legislative process and perhaps Rob Nelson, former baseball player and supporter of the stadium campaign on the first base line at the Widmer Restaurant. Take a friend out to the ballpark and join us for food, beverage and an interesting program which we hope will benefit the community.

Bob Schroeder and Bruce Townsend are going to produce an interesting program on November 11th at the Princeton Ballroom. We will learn more about the Mandate vs. Reality of LEED certification. LEED is a hot topic in our industry right now. Come and learn what the latest information about this subject.

Plans are being made for the 2004 Northwest Region Conference to be held at Alderbrook, Washington. This year's program was time well spent. No doubt our Mt. Rainier Chapter friends will show us their stuff in preparing for an outstanding conference.

Our new website will be available shortly. Keep a watchful eye out for announcements when the new site will be released.

Finally, a reminder to sign up for the certification exam given in March and the classes which begin in January at PSU (See related article). It's information that everyone in this industry should know, and it's an edge that in a tight market you would want to have.

We look forward to Cherie returning - she has been missed!

BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



The CSI Northwest Region has through the assistance of the Portland Specifiers Share Group and with other interested CSI members revised our Substitution Request Form. It is available by contacting either Region Director. It is also being discussed with CSI Headquarters about using this form nationally.

Today one of our CSI Specification Writers in the Portland area asked me to Email the revised Substitution Requested form to him and I did. A few hours later I received an Email message from him stating that he could not retrieve the attachment. He stated that his virus protection system said it was "unsafe" and removed it. I faxed him a hard copy. Now, what the heck is going on here? My virus protections system is the same as his and when I send out an Email it shows it is being checked for a virus before it sends out the message with the attachment. I

hope someone can explain this to me. Maybe the Gremlins did this. Over the years I have had several gremlin attacks. You don't have to be crazy to run a computer, but it helps. I was going over some items that needed correct filing and I ran across an article that was given at a NW CSI Region meeting in September 1966 at Lake Chelan, Washington where Paul Edlund FCSI CCS of Eugene, Oregon gave a seminar entitled "The Language of Specifications". Mr. Edlund gave many examples and how to write better specifications. (No, I don't believe in the use of commas after name and FCSI) He listed the following words and phrases that should not be used in specification writing. I list them as follows: Necessary; Adequate; Any and all As Required; If Required (By whom is the question); Properly; Must; If needed; Will be; Shall be; Suitable Workmanship (One may use Quality of Work); Approved as in; Use approved sealer and cement as required; The Contractor shall. This last one is a real grabber and is not needed. To whom do some specifiers think the specifications are written to?

PERKY'S NOTES

By Perky Kilbourn, CSI

In one of my last notes, I said I was looking forward to the Northwest Region CSI Conference in Boise in October. This is a report on the "Companion Program" at that Conference.

Shari, our tour guide from Boise Tour Train, was excellent. What she didn't know, our driver, Dan, knew. Friday we drove by a sugar beet processing plant. We saw fields of harvested dried bean plants and onions, as well as freshly planted, growing and harvested alfalfa. Other crops in the valley include peas, potatoes, corn, white soft wheat (for bread), and hard red winter wheat (for other baked goods). Five types of mint grow in the valley as well as many different fruit orchards.

One interesting crop was corn. We learned that you can tell who is going to eat the corn by the way it is harvested. Cattle get the top foot or so (consisting of ears of corn, foliage and stalk) all cut up as silage. Humans only get the ears of corn. When harvesting corn for human consumption the ears of corn and associated foliage are removed first. The ears of corn are separated from the foliage which is used, with the stalks, for silage.

Our first stop was at the Ste. Chapelle Winery where we were led by Walt Vaines on a tour of the winery.

After having our box lunches at the winery we were driven to Williamson's Farmer's Market where I got two pluicots thanks to Cookie (Mrs. Igo) Jurgens. This is a hybrid of plum and apricot. It tastes like a plum but has a tangy skin like an apricot.

On Saturday the accompanying people went to the Morrison-Knudsen Nature Center. The MK Nature Center is handicapped accessible so I was able to tour in a wheel chair. A big **Thank You** to Lara White and Mabel (Mrs. Jimmy) Adkins who pushed my wheel chair around.

At the MK Nature Center we learned about the Fringe Project. Crops are not planted to the border of the land but back from it. This allows space, water, food and shelter for wild creatures. We saw a Guzzler which provides water for the wild creatures in undeveloped areas. Developers are required to set land aside for a Green Belt when planning a development. We then had our box lunches in the Julia Davis Park. A lot of people (with their dogs) were also in the Julia Davis Park to celebrate "See Spot Walk" a benefit for the Humane Society. After lunch we visited the Anne Frank Human Rights Memorial and the State Capitol.

My conclusion - An Excellent Conference!

By Dave Shelman, CSI, CCS



Specifying Paint using the Master Painters Institute Standards

About three years ago the Specifiers Share Group heard from representatives of a Canadian organization, the Master Painters Institute (MPI), and its efforts to develop objective painting standards.

MPI analyses and tests paint products, promulgates master specifications for Painting, and provides the industry with an "Approved Products List." On September 25 of this year we revisited the MPI program method of specifying coating systems and selecting paint products.

To give this topic a fair review we assembled a panel of industry participants:

- Steve Gray (Rodda Paint representative)
- Lee Kilbourn (specification writer at ZGF)
- Brian Keil (Kelly Moore Paints representative)
- Bob Schiller (Part owner of Schiller & Vroman, a painting contractor)
- Brian Setness (Miller Paints representative)
- Dave Siegner (Owner of Siegner and Company, a painting contractor)

In the audience were representatives of other paint manufacturers as well as several gallons of spec writers of questionable labels and colors. Here's some of what we learned:

Lee Kilbourn explained the procedures that MPI has for evaluating and then placing paint products into a particular niche, or coating system. He demonstrated the MPI website (www.paintinfo.com) and the way to search for products and guide specs. He also showed the manual that MPI has developed to assist all industry users in the selection of coatings and their correct preparation and application. Lee also pointed out how MPI is indicating a coating's environmental "friendliness." He said that he had been using MPI standards and product lists for about two years.

Bob Schiller and Dave Siegner talked about how painting work is bid. They commented on the weakness of many specifications they see that list inappropriate products or contain conflicts between products listed and the performance requirements. Paint materials represent a

small portion of the total painting subcontract, the vast majority being labor. So a good contractor will make sure that the materials are good quality and ensure that they are properly applied. Unfortunately this approach may put quality contractors at a disadvantage when bidding against "lowball" applicators.

Panel representatives of paint manufacturers pointed out that, while MPI has promoted the program as a "leveling of the playing field" for paint products and painting applications, an unintended consequence may be that current high quality products may be "dumbed down" to fit the prescribed minimum quality for a particular coating classification. Some manufacturers of high-performance products have chosen not to participate because of their desire to be known as a provider of specialty products for which there are limited or "no equals." MPI charges manufacturers several hundred dollars for each product tested. Northwest manufacturers have been participating.

The discussion also focused some on what the panel felt was the more critical aspect of painting: paint application. They pointed out that there is quite a bit of substandard quality coating, not due to poor materials but to poor workmanship. More emphasis should be given to specifying the performance requirements of the completed coating. There is also a need for better inspection and testing of the coatings. MPI is actively developing inspection procedures and certification processes, but these programs will take a while to implement. Both of the painting contractors on the panel are active in the Painting and Decorating Contractors Association (PDCA). They described the education aspects of this organization and there was a suggestion from the audience that PDCA could take on some responsibility in the area of field quality control (inspection), the component that seems most lacking at present.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Announcements are sent out to Share Group attendees approximately a week ahead of each meeting. If you do not currently receive the announcement and wish to, send an e-mail message to either Isaac Tevet (itevet@ffadesign.com) or Fred Herbold (herboldfd@aol.com).

PRODUCT REPRESENTATIVE FORUM

By Randy Tessman, CSI

HOW COMPANIES MARKET TO ARCHITECTS

Considering that many construction materials and finish manufacturers attempt to *target* the architectural/design community, and it is hunting season, let me use that analogy to offer some marketing methods.

"Hello, I am Jim Snively, the architect representative for ABC Widget Company."

There is a long pause at the other end of the phone. "Err-yes?"

"I have a new product specification manual and product samples of our unique widgets to introduce to your firm. Is there someone on your staff who I can speak to in order to set up an appointment?"

Usually at this point the receptionist, somewhat confused, turns Mr. Snively over to a resource librarian, intern, or the real receptionist. If Mr. Snively is really lucky he will get an appointment with a specification writer or senior partner. This approach to marketing a product we will refer to as "buckshot marketing," where the representative approaches an architect firm and just attempts to get his or her products specified through direct contact with anyone in the firm.

The second approach I will refer to as "bull's-eye marketing." This is where Mr. Snively finds a particular construction project that will require his unique widget and targets his product introduction to the project architect or team leader. This method of product introduction tends to be quite successful if there is, indeed, a need for the item.

One marketing approach utilizes an independent marketing representative or marketing firm to present product information to architects. In the best examples of this method, the independent representatives are as well informed on the products as a manufacturer's direct architectural representative. In the worst cases, the representatives are hired help that distribute specification manuals for multiple manufacturers and know little if anything about the products. This method I will refer to as "assassin marketing", since the manufacturer is employing someone outside the company to promote their product.

More recently, manufacturers have resorted to direct mail product introduction. This method involves sending specification books and product literature through the mail to an identified person in the architect firm hoping he or she will know what to do with it. I will call this the "pop-gun" marketing approach, since it often is the least effective.

Another approach that is used to target construction products may not include Mr. Snively at all. In order to keep costs down, many construction products manufacturers do not employ an architectural representative or, if they do, have a direct sales representative or subcontractor pose as one.

This method makes common use of the substitution request after the bid date. It utilizes the contractor and subcontractor as the product representative for the manufacturer. Often it is the promise of cost savings to the owner that requires last minute research by the architect to determine if the product is "equal to" the one specified.

I refer to this approach as "shot in the back" marketing since it often undermines the intent of the specification and those who crafted it. More often than not a particular product is specified for some unique criteria, and most likely the product being substituted lacks one or more of these elements. In very few cases are the products substituted better choices. The end result is that the "cost savings" usually ends up in the subcontractor's bank account and not the owner's.

In actual practice, a manufacturer may use one or a combination of the marketing methods outlined above. Although many of us who directly offer specification and sample assistance to architects can cite examples of the "shot in the back" marketer, a group of material manufacturers believe it worthwhile to employ direct architectural representatives or well trained manufacturer representatives. My hope is that the architectural/design community feels the same way.

The next Product Representative Sharegroup meeting will be November 11 at Billy Reed's Restaurant, 2808 NE MLK Blvd. We will be discussing some unique ideas on how to get your product noticed. See you there!

CSI CERTIFICATION

By: Scott Dicker, CSI, CDT - Certification Chair

For Personal and Professional Growth You're ambitious, with a thirst for acquiring the best skills. You recognize the importance of continuous learning to maximize your knowledge, optimize your options, and boost your career. You have the self confidence to invest in yourself.

You want to join a select group of individuals with the CDT designation after their names, and receive the industry-wide recognition and respect that goes along with it.

It's the foundation you need to acquire a solid grounding in the construction process. It's the cornerstone of CSI's certification series: the prerequisite you need to achieve your Certified Construction Specifier, Certified Construction Contract Administrator, or Certified Construction Product Representative. It's the real continuing education you need to spark your career. Are you ready to move up?

Top 10 Reasons to get your CDT

1. Establish your professional credentials
2. Earn industry recognition
3. Sharpen your competitive edge
4. Improve your skills and knowledge
5. Boost your earning potential
6. Improve communication among team members
7. Show your commitment to excellence
8. Build your confidence
9. Prepare for greater on-the-job responsibility
10. Complete the prerequisite for achieving the CCS, CCCA, Or CCPR

The Construction Document Technology Program provides a comprehensive overview for anyone who writes, interprets, enforces, or manages construction documents. Project architects, contractors, contract administrators, material suppliers, and manufacturers' representatives are all realizing the advantages of being Construction Document Technologists. By being able to understand and interpret written construction documents, CDT's perform their jobs more effectively. By understanding the roles and relationships of all participants, CDT's improve communication among all members of the construction team.

The CDT is quickly becoming a vital employment credential because in today's information-based work place. It really is what you know that counts. The CDT program focuses on honing the skills and acquiring the knowledge essential for today's competitive work place.

The Construction Document Technology program is the pre-requisite for the Certified Construction Specifier (CCS), Certified Construction Contract Administrator (CCCA), and the Certified Construction Product Representative (CCPR) programs.

- CCS recognizes specification and document preparation excellence.
- CCCA builds expertise in the construction process, contractual relationships, and construction contract administration procedures.
- CCPR teaches the role of each building product decision-maker, effective product representation, design specifications, and construction documents.

IMPORTANT DATES AND COSTS

March 27, 2004 – Exam in Portland, OR

Register by December 1, 2003

CDT: Members \$165, Non-Members \$275

CDT-Students: \$90 Members & Non-Members

CCS/CCCA/CCPR: Members \$220, Non-Members \$330

Register December 2, 2003 to January 31, 2004

CDT: Members \$220, Non-Members \$330

CDT-Students: \$90 Members & Non-Member

CCS/CCCA/CCPR: Members \$275, Non-Members \$385

Register online: <http://www.csinet.org>

The above costs are for the exam only.

PORTLAND CHAPTER

THE HELP CANDIDATES PREPARE FOR EXAMS

The Portland Chapter will be conducting a series of classes after the new year to help Certification candidates prepare for the exams. You will need to purchase a Manual of Practice from CSI.

Please watch for information on costs and schedule in upcoming issues of The Predicator. To be sure you don't miss out, please give Scott Dicker a call or e-mail to indicate your interest.

Scott Dicker

503-572-9835

scott.dicker@otis.com

THE SEPTEMBER 2, 2003 BOARD MINUTES

CALL TO ORDER: The meeting was called to order at 12:05 by President Cherie McNabb at the Portland Chapter AIA Conference Room.

PRESENT: Cherie McNabb, Michael Wilson, Doug Allen, Carolyn Miller, Ray Totten, Dennett Latham, Scott Dicker, Jim Wilson, Denise Carpenter, Jane Phifer

ABSENT: Bob Schroeder, Joe Bolkovatz

GUESTS: Rick Heiserman

1. REVIEW OF GOALS FROM PLANNING SESSION

Cherie went over the top two goals for each committee that the planning session group found to be of most importance and hope to complete this year. That report is attached to these minutes.

2. COMMITTEE REPORT

Website: Cherie talked to SpecSource regarding our website. They would take over the website and they do not charge anything. We can tell them what we want and how often we want it updated. It is usually once a month. A motion was made and passed to develop a website committee that explores SpecSource. The motion was amended to have this decision completed by November.

Newsletter: The general consensus was that they like the newsletter. The editorial committee will look at the non member mailing list and see if there are some that can be deleted. We will work on the front page to make it possible for a chapter award.

Program: Meeting next Tuesday, at the Clean Water Services Administration Building, we will have a barbeque from Busters. We are trying to be out by 8:00 pm. The programs for the rest of the year are planned. Jim suggested sending out a press release promoting the October dinner meeting. Next planning meeting is September 25th, 7:00am at the Mallory. Jim suggested that we set a budget for each program during that meeting.

Region Conference: Rick outlined some of the planned events and encouraged the board to attend the upcoming Region Conference in Boise, Idaho. Several NW Region chapter members have put the conference together to assist the Idaho chapter in building membership participation. There are

sponsorship opportunities still available. They have received \$6000 so far but would like to get more. Portland Chapter is responsible for the Region Conference in 2006. Rick suggested putting together a planning meeting for that conference. The North Central region is interested in doing a joint region conference with us and suggested Alyeska as a possible location. We have budgeted for 6 registrations to the 2003 region conference. A motion was made and passed to establish a 2006 region conference with Jim Wilson as the Chairperson.

Budget: We discussed next month's financial report will be in QuickBooks format with a 5 year history. Jim stated that he would like to have the graphs.

1. FINANCIAL REPORT

Current Report: It is predicted that expenses will exceed revenue \$4000 for the year.

03/04 Budget: Board to continue discussions of the potential budget reallocations after conversion to the new QuickBooks software.

2. BOD MINUTES

A motion was made and approved to accept the June minutes with the discussed revisions.

Next board meeting is for October 7th, 2003, noon at the AIA office.

ACTION ITEMS

- *Rick Heiserman to put together a Website committee
- *Jim Wilson to chair the 2006 Region Conference Committee
- *Budget for each dinner meeting be determined by next board meeting
- *Denise to contact Margie Largent to pick up the historical data from her office
- *Editorial committee to meet and work on newsletter

Adjourned at 1:09

Respectfully Submitted,
Doug Allen
Secretary

MEMBER NEWS

LET'S MAKE CSI A LEADER IN PORTLAND

By: Ray Totten

As most of you know, I have been involved in CSI for more than 20 years and I have heard the same comments throughout these years ~ "How can we get CSI recognized in the Portland community as a leader?"

I am currently taking the Lake Oswego Leadership class and I am learning what 'leadership' is all about. I thought that it meant being in the lead, front-runner, director, boss, etc. I am learning that it is none of the above, but that it is relationships with other people and how you make them feel needed for specific things, and help them meet their goals.

With this new awareness, I have sat back and asked myself, ~ "What has CSI given to the Portland community? How has CSI helped the people of Portland feel special and important?" I can only come up with a couple of half decent answers. The obvious answer is that we have trained some of the best specification writers in the nation to work in our area, therefore allowing some beautiful buildings to be created that Portland can take pride in. But past that, I am having a lot of trouble. I know that at one time John Lape was a liaison for the City of Portland assisting the Planning Department to streamline the permitting process. CSI also assisted the Portland library in creating a construction library section within the downtown library (which I am not sure exists any longer). That is all that I can come up with. So again I ask what CSI has done to be a leader in Portland? I think that people in Portland would know more of 'Sleep Train' and what that company did for Portland in their 5 years than what CSI has done for Portland in the last 40 years.

I think that it is time for CSI to step up and become a leader like PGE and Northwest Natural Gas have done. I need your help with a plan that I have. I need people to assist me with my committee. The plan is very simple ~

give back to the community and become known as a community servant organization. When I told Cherri McNabb and Scott Dicker about this plan they were 100% behind me and immediately made me the Chairperson for the new Community Outreach Committee. As you can probably guess by now, **I NEED HELP! COME ONE, COME ALL!** Please join my committee so that together we can become known as a leader in Portland.

Simply put, my plan is to start making contacts with various organizations to see how and where we can serve them. For instance, I heard the other day that some organization painted the living areas in one of the battered women's shelters. This information was on the radio for everyone in Portland to hear about. I would like CSI to be one of those organizations. Let's try to undertake one community service project within this year and build beyond that. My wife said to me that middle school kids have to put in so many hours each year of community service a year ~ don't you think it is time that we adults start?

I also contend that giving to the community can strengthen CSI internally. We have members that do not attend any function. Hopefully this would encourage them to get up and out as a family, where appropriate, to help and model for their children. With the material suppliers and the amount of construction knowledge CSI has at hand, we should be able to take on any task Portland could throw our way.

Now, those of you that feel inspired should contact me at ray@archbbl.com or call me at (503) 635-4425 so that we can get the Portland Chapter of CSI known to our community and out in the public. I envision the TV telling everyone the next time there is a flood that CSI was right beside Hoffman Construction in building the seawall higher to protect Portland. The plan can only get better with your help as I am not able to do it by myself, nor do I want to try! Thanks for those that volunteer!



No one was able to correctly guess this dedicated CSI member...

John Lape

John receives a free CSI dinner meeting for stumping the membership...

ASTM LAUNCHES SYSTEM TO INCREASE OPENNESS IN STANDARDS DEVELOPMENT PROCESS

ASTM International, one of the largest international voluntary standards development organizations in the world, has announced the launch of a new Internet-based system designed to initiate, develop and track draft standards and revisions before and during their balloting stage.

Increased Transparency in Standards Development Process

The new Work Item Registration system, which is accessible from the ASTM website, is significant because it adds increased openness and transparency to ASTM's consensus standards development process. Now, any interested individual from anywhere in the world who wants to know whether ASTM is developing or revising a specific standard can access the information using the Work Item Registration system. Users will be able to utilize the system to perform keyword searches about new standards and revisions; sign up for a free e-mail advisory service that provides notification of new work items in their area of interest; and view a committee's jurisdiction for the item in question.

The new system also provides for improved access and involvement for ASTM members around the globe at every stage of the standards development process. With easy

access to work items in progress, ASTM members everywhere have added impact on standards development. The system also adds a new level of productivity for members, enabling them to register work items and develop streamlined ballot items for standards, more conveniently than in the past.

ASTM International President James A. Thomas, commented, "Transparency in the standards development process has always been one of the guiding principles at ASTM. With the launch of our Work Item Registration system we have taken transparency to an even higher level."

Thomas continued, "The added openness, available to everybody, contributes to a better understanding of the work being performed by ASTM members. This attracts more interested parties and increases international application of ASTM standards."

ASTM's Work Item Registration system is available at the Society's website, www.astm.org.

Kilbourn adds "he sure could have used this info in years past; it would have been great to focus on specific areas of interest rather than sifting through the whole list of revised standards to find a standard I was interested in using."

RENEWING CSI MEMBERS - APRIL

Austin, Curtis L., CSI, CDT
Barney, Mark T., CSI
Brown, Alan Larry, FCSI
Buffington, Lori, CSI, CDT
Caponette, Jere, CSI
Carlson, Roland, CSI
Davis, Art, CSI
Davis, Jerry, CSI, CDT, AHC
Dusa, Richard, CSI
Dzioba, Ken L., CSI, CDT
Ferguson, Chris, CSI
Geddes, Don, CSI
Goble, Ernest, CSI
Halliday, Verne R., CSI
Hatley, Wayne, CSI, CDT
Heijdeman, Dick, CSI
Hurst, Terry L., CSI

Kittell, Geoff S., CSI, CDT
Lucas, Dale, CSI
Madias, Michael, CSI, CCS
Mahaffey, Cynthia, CSI
McBride, Richard, CSI
Murphy, Robert L., CSI
Neiger, Solvei, CSI
Pardue, L.C. Jr., CSI
Percival, Joseph D., CSI
Popkes, Steve M., CSI, CDT
Stafford, Tim, CSI
Stewart, David J., CSI
Vaughn, Kevin, CSI
White, Perry, CSI, CDT
Winn, Douglas R., CSI
Wong, Kent, CSI
Wurdeman, Susan, CSI
Yamin, Cyrus, CSI, CDT, AIA

UPCOMING SEMINARS

It's in the Details, Envelope Wall Design to Avoid Moisture Issues

Register online at: www.aiaSeattle.org/moisture_control

Portland Nov. 13-14 World Trade Center 18 LUs/16HSW

An international symposium on moisture issues within wall design in all building types gathering together architects and professionals from Portland, Seattle and Vancouver BC.

Attendees will learn the dynamics of moisture intrusion and best practice detailing for a variety of exterior envelope systems and building types. Seminar materials include specific architectural details for each system.

Architects will present a series of case studies from all 3 locations, focusing on detailing solutions that respond to water performance issues. Interactive sessions with presenters and attendees will discover best-practice detailing for a variety of exterior envelope systems in low, medium, and high-rise buildings utilizing wood, masonry, concrete, metal, plaster, and curtain wall materials.

Moderator: Dave Matthews, LMN Architects

Questions contact: AIA Seattle

Carolyn Forbes Phone: 206-448-4938

Managing Director Fax: 206-448-2562

An Analysis of Changes to Chapter 10 Means of Egress of the Model Codes

Wednesday, November 19, 2003 12 Noon to 2 PM.

Embassy Suites Portland Downtown, 319 SW Pine Street, Portland.

Buffet Lunch will be provided.

Two (2) Health Safety & Welfare Learning Units will be earned for completing the seminar.

This Seminar examines significant changes to model codes, which now permit the use of certain complying "sliding doors" to be used in a means of egress. The Presenter will be David Dodge, CSI, CDT, Won-Door Los Angeles District Manager. He was Secretary of the Fire & Life Safety sub-committee of the Los Angeles Basin Chapter of ICBO. Mr. Dodge will address changes in UBC '97 Chapter 10 with emphasis on the differences between hallways and corridors and other specific areas of change.

Our speaker will also provide an update on the adoption of either the IBC 2000 or the NFPA 5000, nationwide.

Please RSVP to Jim Sheehan, CSI, CDT.

Phone: 888-726-9449 or 206-726-9449; or email jims@wondoor.com.

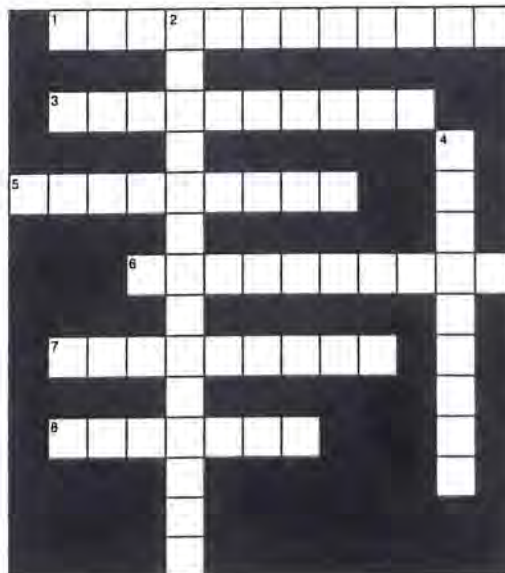
NOVEMBER

ACROSS

1. The C in CSI
3. Chapter from Seattle
5. Chapter from Alaska
6. Chapter from Eugene
7. Chapter from Tacoma
8. Chapter from Salem

DOWN

2. The S in CSI
4. The I in CSI



ANSWERS TO LAST ISSUE'S PUZZLE



THE CONTACTS

PORTLAND OFFICERS & DIRECTORS

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Cherie McNabb, CSI, CDT.....360-600-8444

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Carolyn Miller, CSI, CDT.....503-260-7744

Directory, Industry 2002-2004

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Director, Industry 2003-2005

Denise Carpenter, CSI.....503-720-3005

COMMITTEE LEADERS

Archives/Historian

Margie Largent, CSI.....503-620-6573

Awards

Denise Carpenter, CSI.....503-720-3005

By-Laws

Ken Searl, FCSI, CCS.....503-362-3472

Certification

Scott Dicker, CSI, CDT.....503-572-9835

Editor

Jane Phifer, CSI.....503-805-2500

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Continuing Education

Skip Brown, CSI, CCS.....503-222-1917

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Erica Bitterman, CSI.....503-274-2030

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Perky Kilbourn, CSI.....503-244-1778

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Pat Murphy, CSI.....503-285-4557

Nominations

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Operations Guide

Ken Searl, FCSI, CCS.....503-362-3472

Orientation

Michael Muhle, CSI, CDT.....503-284-6799

Planning

Curt Austin, CSI, CCPR.....503-238-1253

Product Rep Share Group

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Isaac Tevet, CSI, AIA.....503-222-1661

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Igo Jurgens, CSI, AIA.....503-223-0992

Student Affiliate

Rudy Barton.....503-725-3339

Webmaster

Rick Heiserman, CSI, CDT, AIA.....503-892-1321

REGION COMMITTEES

Academic Affairs

Loren Berry, CSI.....206-223-5052

Archives

Bob Hesselstine, CSI, CCS.....503-765-0374

Awards - Co-Chairs

Leo Emerson, CSI, CDT.....206-870-1976

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Brian Keil, CSI, CCPR.....206-763-0300

Education

Perry White, CSI, CDT.....888-284-6799x25

Membership

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Newsletter/Website Editor

Robert D. Kenworthy, CSI, CCS.....253-931-4826

Region Conference Direction Committee

Art Nordling, FCSI, CCS.....509-838-8681

Region Operating Guide

Ken Searl, FCSI, CCS.....503-362-3472

Region Trustee

Larry Barger, CSI, CCS.....360-943-4650

Strategic Planning Task Team

Colin Maynard, PE, CSI.....907-274-2236

Technical

Tom R. Deines, CSI, CCCA.....541-485-1700

Webmaster

Rand New, CSI, CDT.....541-688-5594

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)
Dan Graham, CSI, CDT.....907-261-9203

Puget Sound, Seattle, WA (Second Tuesday)
Andrew Estep, CSI.....206-382-3393

Mt. Rainier, Tacoma, WA (First Thursday)
Jerry Litwin, CSI, CCCA.....253-584-5207

Spokane, WA (Second Thursday)
Mark Elliott, CSI, CDT.....509-624-4281

Portland, OR (Second Tuesday)
Jane Phifer, CSI.....503-805-2500

Capital, Salem, OR (Third Thursday)
LaVone Clausen, CSI.....503-371-2070

Willamette Valley, Eugene, OR (Last Thursday)
Rodd Hansen.....541-687-9600

Idaho, Boise, ID (First Tuesday)
Jon Farren, PE, CSI, CDT.....208-429-1307

Portland Website
www.portlandcsi.org

INSTITUTE DIRECTORS

2001-2004

Jeff Callahan, CSI, CCCA

Ph: 907-786-6425 Fax: 907-786-6444

Email: afjcl@uaa.alaska.edu

University of Alaska Anchorage

PO Box 104882

Anchorage, AK 99510

2003-2006

Rick Heiserman, CSI, CCCA, AIA

Ph: 503-245-7100 Fax: 503-245-7710

Email: rickh@amaa.com

Ankrom Moisan Associated Architects

6720 SW Macadam Avenue, Suite 100

Portland, OR 97219

Region Website
www.csinwr.org

November 2003

Sun Mon Tue Wed Thu Fri Sat

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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

- 11/4 - CSI Board Meeting - AIA Office
- 11/10- CSI Membership Committee Meeting, Billy Reed's Restaurant
- 11/11- CSI Dinner Meeting, LEED Mandate vs. Reality
- 11/11 CSI Product Representatives Share Group Meeting, Billy Reed's Restaurant
- 11/13 - CSI Specifiers Share Group Meeting
- 11/20 - CSI Program Committee Meeting , TBA

December 2003

Sun Mon Tue Wed Thu Fri Sat

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- 12/2 - CSI Board Meeting - AIA Office
- 12/8 - CSI Membership Committee Meeting, Billy Reed's Restaurant
- 12/9 - CSI Christmas Party - Princeton Ballroom
- 12/11 - CSI Specifiers Share Group Meeting
- 12/9 - CSI Product Representatives Share Group Meeting, Billy Reed's Restaurant
- 12/18- CSI Program Committee Meeting , TBA



Portland Chapter of CSI
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Knowledge for Creating
and Sustaining
the Built Environment

The Predicator

Volume 43, Issue #4

December 2003

Portland Chapter — The Construction Specifications Institute

C.S.I. Portland Chapter
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: janc@portlandcsi.org
Web site: www.csinct.org

Viva Vancouver!

Celebrating the Vision of a Growing City

Tuesday, December 9, 2003

Vancouver, Washington is emerging as the second largest and fastest-growing city in the state, creating a huge opportunity for the design and construction firms in the Portland metropolitan area. This evening we are putting the players together to give you a look at the City's master plan, the projects that are being designed and built, and the people who are making it all happen!

Jake's Grill is preparing a 'strolling buffet' with stations located around the room where you will be served delicious courses from the Asian Grill, the Salad Bar, the Seafood Platter and the Pasta Station. And then there will be the delightful Dessert Tray — as only Jake's can do it. Joining different groups for each course, you will mix and mingle for the entire dinner.

Gerald Baugh, City of Vancouver Business Development Manager and **Penny Harbin, Vandevco Ltd. Owner's representative** for **Vancouvercenter**, recently completed by **R&H Construction**, will be our featured presenters. They will share the vision that is actualizing development of Vancouver into a unique and thriving city.

All evening you will also have a rare opportunity to visit with the architect and constructor teams who have Vancouver projects in design and construction at displays throughout the room. Joining us will be representatives of **Architects Barrentine.Bates.Lee, Fletcher Farr Ayotte, LSW Architects, Opsi Architecture, Otak Architects, William Wilson Architects, and Zimmer Gunsul Frasca Partnership.**

Reserve now and join your colleagues for what promises to be the marketing event of the year!

TIME: 5:30 to 9:00 PM

PLACE: The Princeton Building Ballroom— 614 SW 11th Avenue

COST: \$35.00 per person with Reservations by December 4, 2003

Sponsor a Table for 8 for just \$ 260.00

Late reservations-- and walk-ins as available: \$ 45.00 per person.

*Please see the enclosed **Event Reservation** for easy registration.*

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HOLIDAY GIFT TOYS!

Please bring an unwrapped toy for the toy drive we are doing in coordination with the Carpenters Union for the Toy and Joy Foundation, or make checks payable to Toy and Joy Foundation.

PRESIDENT'S MESSAGE

By Cherie McNabb, CSI, CDT



Let me start out by saying Thank you to everyone that filled in for me while I was sailing around the British Virgin Islands. I especially want to thank Scott Dicker and Jane Phifer, they really step up and always go the extra mile for all of us. Yes, I had a wonderful time and

would recommend this type of trip to everyone. If you want more information on the trip just ask, I am more than happy to talk about it.



Now, back to the reality of work and CSI. Right before I left on my vacation I had the opportunity to go to the Northwest Region Conference in Boise, Idaho. I recommend anyone that is striving to take on a leadership role in CSI should attend at least one or many of these types of

events. Many of our members were there for the whole weekend. I arrived on Wednesday evening and golfed with a group of 9 on Thursday. We had a beautiful day on the golf course. Our golfing was filmed and there is a silly video out now to encourage others to golf in future events. Friday was filled with learning seminars and that evening Jeff Callahan and Bob Kenworthy prepared a rowdy game of Jeopardy. There were some questions that stumped even the best of CSI members. Thanks for a fun evening. Saturday once again was filled with education seminars and in the evening an awards banquet was held and by the looks of the pictures there were many awards given out. That is always nice to see.



Next year's Conference will be held Alderbrook, Washington. I hear they already have some great things lined in store.

Mark your calendar for October 8 – 10, 2004. Hope to see many of you there.



The October meeting was a great success and the venue at the PGE Park was terrific. Thanks to Scott Dicker and his outside of the box vision CSI was able to create an informative and interesting

meeting for the members. Actually having it at the Park created a terrific venue for this meeting. The weather definitely held up for the outdoor event. This program also created a little bit of controversy. We received a few letters from concerned members about CSI supporting Portland bringing in a baseball team to our city. We need all of our members to know that CSI stays neutral on most issues.

Remember CSI is a leader in the commercial construction industry and always want to keep our members completely informed on what is going on in and around the Portland metropolitan area. This gives members the opportunity to react and be involved in whatever manner they choose.

I want to personally thank everyone who has donated to the Dennis Obert fund. CSI is happy to announce that we are matching funds up to \$500.00 that are donated. We should all be proud that we chose to support such a wonderful member of CSI. We wish the best for him and his family.

Let me point out that CSI is willing to help promote seminars that are AIA approved for credits to our fellow professional members. There is one stipulation the seminar must not be for profit. If you provide us with the email version of your seminar announcement we will email the attachment to our members. Please let us know if we can help or if you have questions.

Email to jane@portlandcsi.org.

The December 9th meeting will be a new and interesting subject. The topic is on Vancouver and what is going on across the bridge. Since this is in the month of giving and sharing we will also be asking everyone to bring an unwrapped new toy for a toy drive that we are going to support this year. There is information on the front cover. We will be collecting toys on the evening of the meeting. Thanks for all of your support...

BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



In a previous BS BY KS Column I discussed problems encountered when receiving an answering machine message. I mentioned that one should speak slowly and make sure proper information was given. Yesterday I received a fast talking answering machine message that I was unable to determine who sent this call. As near as I can determine the message stated that it was either Bill or Del. Mcfee @ comcast. I tried contacting this person with five different Email addresses

and had no luck. It appears to me he did not give me the correct words. I have never seen an Email address that did not end in .com, .net or something else. He did not leave a telephone number so I could call him. It seems to me that one who leaves a message on your recorder should at least give their telephone number. I needed to call him to find out if he wanted Word or WordPerfect version. I checked the entire NW CSI Region Member Directory and could not locate this person. Evidently he is not a CSI member in our area. If anyone knows this person please contact him and explain what happened. It is noted that this person requested I Email him our CSI Substitution Request Form. If anyone would like a copy of our CSI Substitution Request Form including instructions, please contact me and I will forward it to you.

I still do some specification writing for some architectural firms and in one specification the Owner had a request I had never seen before. We placed the following information in Section 00800 Supplementary Conditions: Add Sub Paragraph 5.2.1. Award of

Subcontracts, and include the following: Owner has identified following Subcontractors with experience working at (Name of company and location) that are to be given the opportunity to provide bids to the General Contractors. List these Subcontractors, addresses and their telephone numbers. Our project had seven Subcontractors listed. In all my years writing specifications I had never heard of this method. It sounds like a good idea to me. I haven't asked any General Contractors their opinion as yet.

In placing an address I remind you good folks not to place a comma between City and USPS 2 letter State Designation. Just recently I received a letter from my grand daughter who is a first year student at University of Oregon in Eugene. She sent us this letter with a comma between Eugene and OR. It took four days to arrive at our address. The USPS had added a bar code at the bottom of the envelope. It is noted that USPS runs several mail trucks per day between Portland, Salem and Eugene. What took the time is that this letter was shunted off to a stack of such letters and it took time to get back into the delivery process. If one places a comma between City and OR and also includes a bar code on the envelope then it will go through even with the comma. I have been told that my attitude regarding commas is nit picking. Maybe so, but if it is nit picking, it needs to be nit picked.

One last Item: Some Owners want the following or similar wording placed in Supplementary Instructions to Bidders: Bid may not be modified or canceled by Bidder within forty five days (days may vary if required) after time and date fixed for receipt of Bids, and Bidder so agrees in submitting Bid.

PERKY'S NOTES

By Perky Kilbourn, CSI

First Note: There are disadvantages to having things edited and then not reading them after editing. Last month the decision was made not to put the pictures of the Region Conference in that issue of The Predicator so my reference to all the pictures which Lara (Mrs. Perry) White took was deleted. Thus when her name came up later in my note it just referred to her as Lara White not Lara (Mrs. Perry) White - sorry.

Second Note: Lee and I, (and a lot of other people) attended the benefit for Dennis Obert. Lee and I got a chance to talk to Dennis and Dennis talked to us. This was done via of Dennis' computer. It is times like this that I am proud of technologists/scientists. Doctors may not yet be able to cure Dennis' disease but they can improve the quality of Dennis' life with a computer. The computer screen, which Dennis can control, prints out what Dennis wants to say. Everyone can read what Dennis said before

responding. It is not ideal but it does allow a two way conversation.

Third Note: Portland Chapter of CSI lost a wonderful member this week. Larry Arnold will be remembered as the President of Portland Chapter of CSI when the chapter hosted the region conference on Mt. Hood in a snow storm. About a year ago, Larry had moved back to Portland with his wife, Linda, and they attended the Products and Services Fair last May. Lee and I were looking forward to them becoming active in Portland Chapter CSI again. Linda Arnold is an architect and CSI member who would be a great participant in Portland Chapter CSI.

Perky doesn't know anything about "Perky'sTM Nutty Grains & Soy" except that their Marketing Person said their Attorney said they could trade mark the name "Perky's". Interesting!

By Dave Shelman, CSI, CCS



A Different World

Imagine constructing two and three-story masonry buildings in which virtually all materials are produced locally, the materials are transported to the site in small pickup trucks and assembly is done by largely unskilled laborers requiring little to no equipment except for a few basic hand tools. Sound pretty low-tech, efficient and “sustainable?” Well, it is, in fact, a very common building method in most of the developing world. And this is what we saw in Guatemala.

This past October, my wife and I traveled to the city of Quetzaltenango, Guatemala. I was part of a volunteer team of architects and engineers that converged there to assist a local church group in the design of expanded facilities. We were told by the organizing agency that we would need to learn how the Guatemalans build and adapt our design to suit their practices. It brought home to us the wide disparity between design and construction in the U.S. and that of the “developing” world. There are positive (and negative) aspects to both approaches.

Everywhere we traveled we saw factories that produced concrete blocks. They seemed as ubiquitous as building material yards here. Some of these were huge and some were very small—even tucked in between buildings in a small village—a Guatemalan cottage industry. It appeared that all you needed in order to set up shop was some cement, water, sand and gravel, a few molds and a press. The shape of the blocks ranged from rectangular hollow core similar to the most common blocks we see here, to special shapes designed to fit into above-grade floor construction. This latter shape was very common, based on its use in a common proprietary building system that goes by the name Monolit. I will not bore you with details but simply say that when used in conjunction with pre-fabricated concrete spanning units known as “viguetas” the Monolit system allows construction of elevated floors with almost no formwork and a minimal amount of concrete. The Monolit floor system is part of the complete Monolit building package that includes larger beams as well as walls—structural engineers know this as confined masonry—and roof spanning components.

In contrast to construction in “El Norte” this all seemed so simple and even elegant. It made me think about the complexities of our work here. We have at our disposal a whole range of structural options. Beyond the structure we have dozens of enclosure systems and hundreds of finish material choices. With affluence, comes choice. And there is the corresponding need to understand this vast array of choices. And as spec writers we know something about the task of sorting it all out and organizing all the necessary information so the construction industry can build these interesting, complex structures. If you detect a slight longing for a simpler world, it is because I am in the middle of another deadline and there are 50 sections to go!

As noted earlier there can be a downside to a too “simple” approach. The confined masonry construction of Guatemala, while achieving greater structural integrity than methods of the past, still leaves much to be desired. Our team structural engineer is struggling to make sure our building will perform when the next earthquake hits—a constant and historical reality there among all the beautiful forested volcanoes.

It so happens that the December topic of the Specifiers Share Group will be masonry—U.S. style! Steve Hubbard, of the Masonry Institute of Oregon, will be giving a presentation on crack control and performance characteristics of concrete masonry.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Announcements are sent out to Share Group attendees approximately a week ahead of each meeting. If you do not currently receive the announcement and wish to, send an e-mail message to either Isaac Tevet (itevet@jfadesign.com) or Fred Herbold (herboldfd@aol.com).

PRODUCT REPRESENTATIVE FORUM

By Randy Tessman, CSI



I recall my first experience with guarantees was when I worked for a paint company in the mid-seventies. This company actually sold paint at \$1.99 per gallon and would refill paint thinner for two bits a gallon. Every morning old station wagons with bald tires and ladders stacked to the sky would fill our parking lot.

The company sold a top line exterior paint with a twelve year guarantee. I once asked the manager what the guarantee was good for. After explaining the small print on the label, the manager admitted to me chances were that the customer would never make a claim on the guarantee. The likelihood was that the customer wouldn't keep the receipt, would decide to change the color of their house or would forget that there was a guarantee in the first place.

As it turned out, there was another likelihood- the company ceased to exist two years after this conversation occurred.

Although I make no claim of being a lawyer, let me begin by trying to define the difference between a guarantee and a warranty. (I actually spoke at length with John Baker, CSI from Jordan Schraeder to help clarify some of the definitions, although he shouldn't be blamed for my interpretations).

Guarantee - an assurance for the fulfillment of a condition and an agreement by which one person undertakes to secure another in the possession or enjoyment of something. An example would be: If for any reason you are not 100% satisfied with this product within one year of purchase, return the unit with receipt, installation manual and reason for return, for a full refund of purchase price.

Warranty - A promise about a product made by either a manufacturer or a seller. A statement or agreement by a seller of property which is a part of the contract of sale. The truth of the statement or promise is necessary to the validity of the contract. A warranty can include the labor charges for repair or replacement of product if the promise is not valid. An example would be: This product is warranted for 1 year from date of purchase from defects of workmanship and material.

Architects, owners and specification writers like product warranties and guarantees. There is that satisfaction in knowing that the pieces will all fit together and that systems will continue to function for a certain period after the project is complete. Although construction documents place the responsibility on the General Contractor to obtain the warranties and guarantees for the owner, the real onus falls on the manufacturer to live up to the terms and conditions of the agreements written there.

Often choices of product for use on a project are made on the basis of their extended warranty. If this were the case, it would be wise for the architect to insure that any comparable product in the specification matches the warranty of the specified product word for word. If one product offers a twenty-year warranty, and another offers only five years, why would they get specified side-by-side as equals or be approved as a substitution?

One area that deserves special scrutiny is the exclusionary language used in a guarantee or warranty. Exclusionary language may include things such as "product must be installed according to Technical Data Sheet DDS-10," or "claim must be made by actual purchaser of the material." Exclusionary language protects the manufacturer from improper application or installation of their product, false claims, defines terms or conditions of fulfillment of the warranty or guarantee, and makes some statement of how a claim can be made. The misuse of exclusionary language, however, may protect the manufacturer more than the customer. Read carefully!

Another real life consideration from the manufacturer's point of view is that often the product is not being applied or installed by a known subcontractor. This condition alone may justify exclusionary language in warranties protecting against improper workmanship. Certified contractors or subcontractors are a preferred method used when special materials or processes are required. Often, however, extended warranties require the manufacturer's representative to oversee the application or installation.

Consideration must be given on larger projects to the financial standing of a manufacturer offering the extended warranty or guarantee. Is the manufacturer sound and financially stable enough to withstand a warranty claim? In the case of my previous employer, will the company continue to be in business during the terms of the guarantee?

Is the extended warranty or guarantee prorated or nonprorated? A prorated agreement implies that a product's value decreases during its life cycle. A nonprorated agreement means that products will normally be replaced at full cost. Does the manufacturer pay for the labor of re-installation or re-application? With most construction materials, labor is much more expensive than the actual product.

Warranties and guarantees are defined during the Construction Documents Technologist course offered at the Portland office of Lein, Stanek & Wilson office. If you have not studied for your CDT, may I encourage you to do so? You get to learn from a great group of people and study with others who you will later work with on a professional or industry level.

The next Product Representative Share Group will be at noon on December 9, 2003 at Billy Reed's Restaurant, 2808 NE MLK Blvd. We will be allowing you to make a ten minute presentation with a critique by your peers-other product representatives. Don't miss this opportunity to hone your skills and perfect your presentation. See you there!

CSI CERTIFICATION PROGRAM

By: Scott Dicker, CSI, CDT - Certification Chair

CSI – CDT CERTIFICATION STUDY CLASS ANNOUNCEMENT

We are pleased to announce the CDT Certification classes will begin on Thursday, January 29 at LSW Architects, 1953 NW Kearney, Portland, OR. 97209. The classes will be held on Thursday from 6:00 to 8:00 pm at LSW Architects' Portland Office. Cost is \$125. There is no charge for students from PCC and CCC Construction Technology Programs and PSU Architectural Department.

You will need to purchase (or borrow from a past student) the Manual of Practice (1996 edition & 2000 Addendum); AIA A201-1997 *General Conditions of the Contract for Construction*; and EJCDC 1910-8-1996 *Standard General Conditions of the Construction Contract*. You may purchase these documents from the the CSI Institute website www.csinet.org.

Chapter Certification Study Class schedule is as follows:

January 29th	Unit 1 - Construction Process Overview (Jody Moore)
February 5th	Unit 2 - Construction Contract Types (John Lape)
February 12th	Unit 3 - Modifications and Substitutions (Ray Totten)
February 19th	Unit 4 - Rights, Duties, Responsibilities (Jody Moore and Rick Heiserman) Unit 5 - Contract Provisions (Note: This sessions may run 3 hours)
February 26th	Unit 6 - Use of Construction Documents (Denet Latham)
March 4th	Unit 7 - Organization Formats (Bob Easton)
March 11th	Unit 8 - Interpreting Construction Documents (Skip Brown)
March 18th	Make-up class night, if necessary
March 25th	Review night (All teachers)
March 27th	CDT Exam date PSU- Shattuck Room 355

Please contact Jane Phifer, CSI Portland Executive Director @ jane@portlandesi.org or 503-805-2500 to sign up and pay for the CDT classes.

*The following is a description of the four exams which you may sign up to take on **March 27th**.*

CONSTRUCTION DOCUMENTS TECHNOLOGIST (CDT)

A Construction Documents Technology (CDT) is a person who has demonstrated basic knowledge of fundamentals and format of construction documents as prescribed by CSI and general conditions of the contract for construction.

CERTIFICATION CONSTRUCTION SPECIFIER (CCS)

A Certified Construction Specifier (CCS) is a person who has the required experience and has demonstrated the minimum acceptable knowledge and ability to prepare written construction documents as prescribed by CSI.

CERTIFIED CONSTRUCTION PRODUCTS REPRESENTATIVE (CCPR)

A Certified Construction Products Representative (CCPR) is a person who has the required experience and has demonstrated the knowledge and ability in construction products representation and in using and advising design professionals in the preparation of construction documents as recommended by CSI.

CERTIFIED CONSTRUCTION CONTRACT ADMINISTRATOR (CCCA)

A Certified Construction Contract Administrator is a person who has demonstrated, by successful examination, the minimum knowledge and ability to administrate a contract for construction as prescribed by CSI.

IMPORTANT DATES AND COSTS

March 27, 2004 - Exam in Portland, OR

Register by December 1, 2003

CDT: Members \$165, Non-Members \$275, Students \$90
CCS/CCCA/CCPR: Members \$220, Non-Members \$330

Register December 2, 2003 to January 31, 2004

CDT: Members \$220, Non-Members \$330. Students \$90
CCS/CCCA/CCPR: Members \$275, Non-Members \$385

Register online: <http://www.csinet.org> The above costs are for the exam only.

THE OCTOBER 7, 2003 BOARD MINUTES

CALL TO ORDER: The meeting was called to order at 12:05 by Vice President Scott Dicker at the Portland Chapter AIA Conference Room.

PRESENT: Michael Wilson, Ray Totten, Dennet Latham, Scott Dicker, Jim Wilson, Carolyn Miller, Joe Bolkovatz, Bob Schroeder, Jane Phifer, Doug Allen

ABSENT: Cherie McNabb, Denise Carpenter,

GUESTS: Rick Heiserman, Ellen Onstad, Erica Bitterman, Bruce Townsend, Lee Kilbourn

1. REVIEW OF GOALS FROM PLANNING SESSION

Scott went over the goals for this year to help keep the board focused on what we are hoping to accomplish.

1. COMMITTEE REPORT

Products and Services Fair: Is scheduled for May 4th. Ellen reported that we have collected about \$8,000 in booth registration fees so far. We have made our deposit to the convention center. Jim Wilson is working on the keynote speaker. Rick stated May would be a good time to have a seminar on the new building code.

Website: Scott hosted a meeting at OTIS to look at websites SpecSource has created for other chapters. SpecSource would do our website for half of the advertising sold on the site. We are working on registering events online. A few questions, Who hosts the site, what's the agreement time/duration to cancel, 50% of gross or net, Operations guide do they meet those standards, Jane will get the answers and email out for vote.

Newsletter: Distribution – A motion was made and passed to mail out the front page to the non-members only. Institute board and other chapters within our region will receive the newsletter.

Programs: October's meeting is going to be held at PGE park. Bringing Baseball to Portland. We need to really work on publicity for this meeting. Precision Images is helping promote by putting a flyer on their packages that go out.

The November 11th program is LEED: Mandate VS Reality; with focus on the North Mall Office Building which was opened last month on Capital Mall in Salem. Bill Foster State Architect, Nels Hall and Steve Strauss will be the speakers. Topic; talking through the process LEED projects go through, the mandate, and the cost of execution.

December 9th Christmas Party, we are working on a DJ & a Band. The program committee will decide. It was discussed as a non educational event the price of the dinner should be kept as low as possible to get more attendance.

Region Conference: Rick Heiserman stated he is going to the Institute board meeting and wanted to know if there was anything that should be brought up.

Certification: The classes will start in November for 10 weeks. Scott will be soliciting instructors. Classes will start January 29, 2004 at LSW Architects' Portland office

Education: Working on the CA Class. Metro has offered to hold one class for us. We will come back to this topic

1. FINANCIAL REPORT

We have been working on getting this turned over to QuickBooks. We are trying to accomplish two things, creative ways to report in a clear and easy to understand report and converting what we know from Excel to QuickBooks. We will try to be up and running by the next board meeting. Dennet requested a finance committee meeting with Scott and Cherie; Jim will fill in for Cherie.

2. BOD MINUTES

A motion was made and approved to accept the September minutes with the discussed revisions.

3. NEW BUSINESS

Bruce made the board aware that Dennis Obert has ALS and there is going to be a fund raiser on October 18th. If you have anything to auction they are holding an auction as well. Dennis was very involved in CSI, from committee work to chapter President. The board discussed its desire to make a donation. To make our contribution more effective, Jim suggested making a challenge grant contingent on the chapter donating matching funds of the membership. A motion was made and passed that the chapter would provide up to \$500 to the Dennis Obert fund raiser, contingent on chapter members or firms contributing similar amounts. At the October 21st meeting we will have a jar to collect matching funds for him.

Metro would like to renew our membership agreement. It would be year two of a three year contract that we signed. We are to renew on a yearly basis. A motion was made and passed to accept the contract.

There is an Audio Exchange program on Membership Retention and Recruitment on Oct 15th 11:00 – 12:30 at ZGF.

4. NEXT MEETING

Next board meeting is for November 4th, 2003, noon at the AIA office.

CSI ANNUAL SHOW AND CONVENTION

The 48th Annual CSI Show™ & Convention will be held in Chicago in 2004.

The CSI Show & Convention is owned and managed by The Construction Specifications Institute. It is held at Construct America, the CSI-owned trade show event that co-locates other vertical association trade shows with The CSI Show & Convention. This arrangement increases attendance and provides greater opportunities for member and industry interaction.

Attendees are CSI members and design and construction industry professionals who determine the products and materials that will be used on projects. They represent the full range of the project delivery process, from the architects and specifiers who make the initial decision, to the specifications writers who document the decision, to contractors and trade contractors who make the ultimate procurement choices.

The recent co-location of the The CSI Show and The TFM Show at Construct America brings a dramatic increase in participation by facilities owners and managers, and the future co-location of the The Masonry Showcase in 2005 adds yet another dimension to the attendee profile. The result is a unique event that locates substantial purchasing power under one roof for a few days each year.

Education and professional development programs, combined with exposure to new products, materials, and services through the exhibits, offer a full range of topics from technical training, best practices and specifications fundamentals to case studies

and legal and business-related issues. The CSI Show & Convention will address all of the critical roles in project design, procurement and delivery, and all levels of professional knowledge and experience, from entry-level to senior practitioners.

More than 70 session hours of education and training will be offered in 2004, in convenient blocks of time that do not conflict with The CSI Show exhibit hours. All proposed presentations are reviewed by a Program Development Task Team made up of CSI members, which evaluates the appropriateness of each proposal and whether or not it meets CSI quality standards for inclusion in the convention curriculum.

General sessions, including industry-leading keynote speakers, as well as experts representing the broad spectrum of players in the industry will address topics that broaden attendees' knowledge and perspectives on the critical issues impacting the business and delivery of the built environment.

Registration Information:

Significant savings for pre-registrants!

Early-bird registrants save the most—register by *January 15, 2004.*

To get the **Advance discount**, register by February 27, 2004.

Go to www.csinet.org to get your registration form today!

RENEWING CSI MEMBERS MAY 2003

Allen, Doug, CSI	Knutson, Jonathan, CSI
Ashburn, Tony, CSI	Labadie, Marc A., CSI
Cloud, Robert K., CSI	Lee, Gordon L., CSI
DeRosia, Art, CSI, AIA	Lee, Ronald R., CSI
Duwe, Todd R., CSI	Mitchell, Bruce W., CSI, CDT
Fitzgerald, Calista L., CDT	Mork, Ken, CSI
Forland, Gunnar, CSI, CDT	Murphy, Ian, CSI, CDT
Frederick, Jonathan E., CSI	Nelson, Stanley W., CSI, CCS, CCCA
Gannaway, Tom, CSI	Parker, Mark S., CSI
Gehlen, Joseph C., CSI	Patty, Terry, CSI
Gray, Steven R., CSI	Pickett, David, PE, CSI
Gronowski, Ronald P., CSI	Ravins, Patrick T., CSI
Harris, Scott W., CSI	Robertson, Candace L., CSI, CCS
Helton, James L., CSI	Riedl, Randall J., CSI
Hogenhout, Trasi, CSI	Rudolf, Heinz K., CSI
Isles, C. Thomas	Rusch, Loy K., CSI
Keaton, John, CSI	Sams, Douglas W., CSI, CDT, AIA
Keefer, William N., CSI	Stumpf, James T., CSI
Kehrli, John C., CSI	Stewart, Frank, CSI
Klein, Paul, CSI, CDT	Wright, James A., CSI

DONATION TO PORTLAND CHAPTER CSI

Bruce Jackson, CSI territorial sales manager for Degussa Construction Products and Dick Hurley, CSI, CDT Sonneborn Construction Products have donated the net profits from their recent seminar (Waterproofing) to the Portland Chapter CSI in the amount of \$394.05.

NAME THAT MEMBER.....

Which Portland CSI member started the chapter's award winning share groups? Email Jane@portlandcsi.org if you know the answer and win a free CSI dinner.

CSI would like to thank the wonderful Sponsors of the 2003 golf tournament.

It is time to close the 2003 year out and it just wouldn't be right if we did not recognize the firms that stand behind us year after year and newly joining us. If it wasn't for all of you we could not have been a success. By contributing to CSI you contribute to the AEC committee we all serve. You help CSI put on programs, find those top speakers, tours, scholarship funds, and of course the golf tournament. Thank you one and all for your support of the Portland Chapter CSI. **SEE YOU ALL NEXT YEAR ON THE GREEN !!!**

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Rudy Barton503-725-3339

Webmaster

Rick Heiserman, CSI, CDT, AIA503-892-1321

Portland Website
www.portlandcsi.org

INSTITUTE DIRECTORS

2001-2004

Jeff Callahan, CSI, CCCA

Ph: 907-786-6425 Fax: 907-786-6444

Email: ajfecl@uaa.alaska.edu

University of Alaska Anchorage

PO Box 104882

Anchorage, AK 99510

2003-2006

Rick Heiserman, CSI, CCCA, AIA

Ph: 503-245-7100 Fax: 503-245-7710

Email: rickh@amaa.com

Ankrom Moisan Associated Architects

6720 SW Macadam Avenue, Suite 100

Portland, OR 97219

Region Website
www.csinwr.org

REGION COMMITTEES

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Ken Searl, FCSI, CCS503-362-3472

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Strategic Planning Task Team

Colin Maynard, PE, CSI907-274-2236

Technical

Tom R. Deines, CSI, CCCA541-485-1700

Webmaster

Rand New, CSI, CDT541-688-5594

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)

Dan Graham, CSI, CDT907-261-9203

Puget Sound, Seattle, WA (Second Tuesday)

Andrew Estep, CSI206-382-3393

Mt. Rainier, Tacoma, WA (First Thursday)

Jerry Litwin, CSI, CCCA253-584-5207

Spokane, WA (Second Thursday)

Mark Elliott, CSI, CDT509-624-4281

Portland, OR (Second Tuesday)

Jane Phifer, CSI503-805-2500

Capital, Salem, OR (Third Thursday)

LaVone Clausen, CSI503-371-2070

Willamette Valley, Eugene, OR (Last Thursday)

Rodd Hansen541-687-9600

Idaho, Boise, ID (First Tuesday)

Jon Farren, PE, CSI, CDT208-429-1307

December 2003

Sun Mon Tue Wed Thu Fri Sat

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- 12/2 CSI Board Meeting - AIA Office
- 12/8 CSI Membership Committee Meeting, Billy Reed's Restaurant
- 12/9 CSI Holiday Meeting, Viva Vancouver - Princeton Ballroom
- 12/9 CSI Product Representatives Share Group Meeting, Billy Reed's Restaurant
Give us your 10 minutes of fame!
- 12/11 CSI Specifiers Share Group Meeting
- 12/18 CSI Program Committee Meeting, Cadillac Cafe

January 2004

Sun Mon Tue Wed Thu Fri Sat

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

- 1/6 CSI Board Meeting - AIA Office
- 1/8 CSI Specifiers Share Group Meeting
- 1/8 CSI Product Representatives Share Group Meeting, Billy Reed's Restaurant
- 1/12 CSI Membership Committee Meeting, Billy Reed's Restaurant
- 1/20 **CSI/ASPE Chapter Meeting - Princeton Ballroom (Note 3rd Tuesday)**
- 1/22 CSI Specifiers Share Group Meeting
- 1/29 CSI Program Committee Meeting, Cadillac Cafe
- 1/29 CSI Certification classes start



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The Predicator

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January 2004

Portland, Oregon Chapter — The Construction Specifications Institute

C.S.I. Portland Chapter
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: jane@portlandcsi.org
Web site: www.csinet.org

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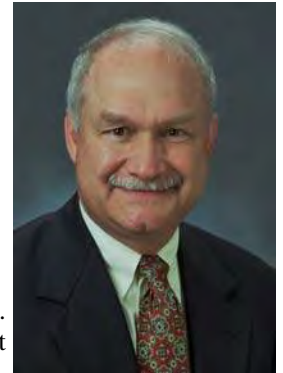
A Joint Meeting with American Society of Professional Estimators

Construction Forecast

John W. Mitchell

A Tale of Two Industries

Tuesday -- January 20, 2004



The construction sector has had two faces early in the 21st century. *Housing* has boomed even in states like Oregon & Washington that experienced three years of declining employment, while much of *Non-Residential* construction has languished. The national recession ended over two years ago, but only in the last six months have labor markets shown signs of strength. The cycle and recovery have been marked by aggressive use of monetary and fiscal policy. There have been fears of deflation that took interest rates to 40-year lows and waves of refinancing. This corner of the world has been severely impacted by the tech bust, energy price volatility, and unstable tax revenue. Our esteemed speaker will share his insights about the prospects and risks facing the nation, Oregon and the metro area in 2004.

John Mitchell, one of the Northwest's foremost economists, will be featured at our second annual meeting of CSI and ASPE to address the economic issues that concern our industry and our region. As a Principal, M & H Economic Consultants, and Economist for the Western Region of US Bancorp, John Mitchell has over two decades of direct experience in our market, including service on the Oregon Council of Economic Advisors; the Western Blue Chip Forecast Panel; and the Governor's Tax Review Technical Advisory Committee.

American Society of Professional Estimators serves construction estimators by providing education, fellowship, and opportunity for professional development. CSI is very pleased to join the Columbia Pacific Chapter of ASPE for this important presentation.

Join us on the third Tuesday, and hear what John Mitchell sees in our future!

LOCATION: The Princeton Building Ballroom—614 SW 11th Ave.

TIME: 5:30 PM Meet Your Colleagues in CSI and ASPE

7:00 Dinner and Presentation

COST: \$30.00 per person with Reservations by January 15, 2004

Late reservations—and walk-ins as available: \$40 per person

Sponsor a Table for 8 for just \$ 230.00

Register today! See the enclosed Event Reservation for easy registration.

HANSET STAINLESS

Special Thank You for generously sponsoring this event!

PRESIDENT'S MESSAGE

By Cherie McNabb, CSI, CDT



Happy New Year!!!!

I hope that everyone had a safe and happy holiday season. Let's welcome the year of 2004 with open arms. I know it has new and exciting opportunities in store

for all of us. So begin the year with an open mind and be ready to pick up the pace and just go for It.

Things to remember

Date: Dec 9, 2003

Time: 5:30 – 9:00

Place: Princeton Building 3rd floor Ballroom what a terrific final program for the year 2003 CSI had. Congratulations go out to the programs committee for bringing us so many great learning experiences.



When the topic Viva Vancouver was brought up many of us Vancouverites were in full support of the topic. We debated on having it in Vancouver but were concerned about the unknown



factors – weather, traffic and members wanting to cross the bridge at rush hour traffic. We were hoping for good attendance and were able to achieve this partly due to the great topic Viva Vancouver, great supportive members and by keeping the meeting at the Princeton ballroom for the gathering. We were pleasantly surprised with

the 140 people in attendance.

We were asked by several people “Why did CSI have a Vancouver based meeting in Portland?” Good question...



We thought about this long and hard. As an example let's take the television news in the Portland Metro area. Do we hear much about Vancouver on TV? Rarely! So this is a start to the information highway. We knew that if we took the

meeting into Vancouver we might not get many takers to cross the bridge and get caught in traffic. This way we brought the topic to the membership instead of the membership going to the topic.



Thank you to all of the Architects that displayed and presented throughout the evening. Architects Barrentine Bates Lee, Fletcher Farr Ayotte, Opsis Architecture, Otak Architecture, William Wilson Architects, and Zimmer Gunsul Frasca Partnership.

All of the guests mingled around had questions about projects



and we had an informative presentation by Gerald Baugh, city of Vancouver business development. He talked about many of the projects that have happened in Vancouver along with future projects

Instead of the typical sit down meal we chose food stations that were spread throughout the room. Guests were able to eat and mingle around looking at the different projects that were displayed and visit with each other along the way.

We also had a toy drive for the Toy and Joy makers of Portland, Oregon. This was our first year to try this and it was the beginning of a great relationship. Michael Hawes helped us get this organized. We were joined by firefighters at 7:00 pm to collect the toys. We hope to provide more toys next year. Rats, I had to struggle through getting my photo taken with these firefighters.



If you are at all interested in helping put together gift boxes to be given out at Christmas you may contact Dean Johnson at the Toy and Joy Makers 5860 NE Going Street, Portland, OR. Phone number: 503-823-0922.

Thanks, once again to all that donated gifts and money to the Toy and Joy Makers. Once again you all make me very proud to be a part of the CSI Portland Chapter.

BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



I was having a discussion with Ivan McCormick CSI CCS SCIP the other day and he suggested that I mention in this column about the code changes regarding the use of wire glass. I thought real fast and told him it would be nice if he sent me this information and he did. Information as follows: On October 1, 2003 the State of Oregon no longer allowed the use of wire glass in areas subject to human impact in our schools. This will be expanded to include

commercial buildings effective October 1, 2004. Alternatives to wire glass are laminated glass in non-rated openings and fire rated glass tested for human impact for rated openings. A glass fabricator said Owners will have a "Sticker Shock" when they see how much it will cost to replace wire glass. The law applies only to new construction and replacement of wire glass in existing schools (commercial buildings next year). But, does it have implications to other building types?

We live in a litigiously prone society. It seems the Architect would be prudent to evaluate the use of wire glass regardless of building type. There is a year separating school and commercial buildings effective dates. A person injured by wire glass in a commercial or other building during this time is just as injured as if it occurred in a school. We are on notice that wire glass is dangerous. It takes no stretch of imagination to see the Architect having to defend wire glass. One thing I can say is I never liked the look of wire glass and I am glad to see it discontinued in buildings mentioned above.

I was reading an article in our local newspaper about a woman driver who was the victim of a carjacking. She was stopped at an intersection when a man jumped into the passenger seat of her car and ordered her to drive. She did not see a weapon, but the man had a wild look in his eyes. She jumped out of the car and the man sped away with several witnesses in pursuit. He was caught and sent to jail. What I would like to know is why she was driving with unlocked doors? Evidently her car was an older model because the late model cars have automatic door locks. If any of you readers have a car that does not automatically lock doors, then why not lock them manually to avoid such incidents?

I am a member of the AAA Oregon and in their magazine for November/December 2003 there is an article entitled, "A Place in the Clouds" which is about Timberline Lodge on the slopes of Mount Hood. In 1978 Portland CSI Chapter hosted a Region Meeting at this lodge. My wife and I went to this Conference and stayed at Timberline Lodge. We really enjoyed our stay and highly recommend this Lodge. There is a two page article in the above mentioned magazine and if you would like a copy, contact me and I will send it to you.

Also If you would like a copy of the CSI Northwest Region Substitution Request form with Instructions and a Master Section 01630 Product Substitutions Procedures, let me know and I will send them to you.

PERKY'S NOTES

By Perky Kilbourn, CSI

Haven't heard anything from my attorney on continuing to use "Perky's Notes" as the title to this column. The opinion I have been given by non-lawyers is that I can use the possessive form of my nick name even though it has been trade marked for a cereal. I could not manufacture my own cereal and use my nick name. Since I have no intention of manufacturing a cereal with my nick name attached to it, I am all right.

I would now like to discuss something I know a little bit about.

Microorganisms

An article "Ultraviolet light fights germs in buildings, researchers say" by Rob Stein of LA Times, Washington Post Service appeared in the Friday, November 28, 2003 issue of The Oregonian.

Quoting the first paragraph of the article

"Ultraviolet lamps can kill bacteria, mold, fungi and other germs in the ventilation system of big office buildings, preventing

headaches, coughs, congestion and other symptoms of "sick building syndrome" among workers, researchers reported Thursday."

Apparently, a scientific study was performed and has been accepted for publication in ". . . issue of The Lancet, a British medical journal."

The Lancet is a respected peer review journal and so will do some detective work and report back what is discovered after reading the article.

The concept makes sense because

- 1) Ultraviolet lights have been used in the laboratory for sterilization for many years.
- 2) We have an Ultraviolet light system for sterilizing the water in our hot tub at home.

In conclusion, I agree with the story in the Oregonian.

WHAT DO YOU SAY? .. *News and views from the Specifiers Share Group*

By Fred Herbold, CSI, CCS

The Pros Play with a Certified Wood Bat

Here's a pitch for certified wood.

And some tips on how to get a sustainable hit.

And some tools to assure a certified home run.

A few Specifiers Share Group members and I attended a workshop in late September sponsored by Metafore and presented by the Certified Wood & Paper Association (CWPA) called "Wood for Building Green". The workshop was held in the Ecotrust Building, so we were surrounded by examples of the sustainable use of wood. We learned environmental considerations of specifying wood products, how to achieve credit in green building programs by using certified wood, and some pitfalls demonstrated through case studies. I'll share the highlights for those not able to attend.

First, the facts. I know you know, I just want to know you know, you know? (sic Rumsfeld) Research demonstrates that wood creates far less external pollution of air, water or soil than other building materials. Wood is renewable, biodegradable, non-toxic, energy efficient, recyclable, and reusable. Healthy forests themselves are a major necessary component of our global environment. The well-being of human and animal populations depend on natural or well managed forests.

Specifying and building with wood is not enough alone. The world's forests are threatened, no, they are being devastated by poor forest practices. Estimates of illegal logging in Brazil and Indonesia run as high as 80%. Logging for highly prized trees like mahogany and teak in diverse tropical forests ignores lower-valued species and can severely damage vast areas of the forest. Constant emphasis on premium grades of wood causes two unsustainable practices: over-harvesting of old-growth timber from high conservation value forests; and "high-grading" or selective stripping of the largest, most mature trees.

Specifying Forest Stewardship Council (FSC) certified wood can assure the sustainable building team that wood products came from a forest managed to a high standard of sustainability. In addition FSC certifies chain of custody from the forest to the final product manufacturer or vender.

Other certifications that are related to wood products are available from Scientific Certification Systems (SCS). They include Recycled/Recovered Content and No Added Formaldehyde.

That's the pitch, now let's get a hit! It's all about process.

During the programming phase, the project team should establish the sustainable goals, decide which green building program will be used to measure sustainability, and to what level. Most common tools: US Green Building Council's LEED™, USA Corps of Engineers' SPiRiT, and PGE's Earth Advantage™.

Starting in schematics and continuing through design development, identify wood use, possible use of salvaged wood, and possible recycled-content wood products. Check the green

building program guidelines if certification is required and if chain of custody is required. For example, LEED™ requires FSC certification for wood in Credit MR7 but not for recycled content in MR4.

Research the availability of certified products individually rather than assuming all wood in the project can be certified. List the wood products, check if certification is required, then check availability. This is a good time to record at least one source or confirmation.

CWPA's website has a "Certified Product Finder," fantastic. Call CWPA for potential lead times and other concerns.

Convince the project designer that AA grade veneers are not the best choice. Get samples of lower grades.

If you have to have that "special" wood, consider alternative species. Call CWPA or Greenwood International.

Farm grown hybrid poplar is available for woodwork products from Potlatch. It qualifies for rapidly renewable credit and FSC.

Document decisions in specifications. List "FSC certified" products separately. Sections with certified products should include paragraphs similar to the following in Submittals and Quality Assurance articles respectively:

FSC Certification: Submit suppliers invoices with chain of custody number. Identify each certified product separately.

FSC Certified: Certified according to rules of Forest Stewardship Council.

Certified home runs take follow-through. Like running the bases, take them one at a time.

Ask CWPA to review your FSC certified specifications.

Include a Vendor Reference List for FSC certified products in "Information for Bidders." Include a Certified Wood Compliance Form in supplemental bid forms that are due shortly after bids are due. Include a Certified Wood Documentation Form in "Sustainable Project Submittals." *Wood for Building Green* has sample forms.

Most of this article was cribbed out of *Wood for Building Green, a Practical Guide*, published by Metafore and available free by contacting CWPA, at the Ecotrust Building, 503-224-7696 or www.cwpa.info. Visit FSC at their US site www.fscus.org.

Extra Innings: Contact your Congress-person and ask why USFS Forests are not FSC certified.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Announcements are sent out to Share Group attendees approximately a week ahead of each meeting. If you do not currently receive the announcement and wish to, send an e-mail message to either Isaac Tevet (itevet@ffadesign.com) or Fred Herbold (herboldfld@aol.com).

PRODUCT REPRESENTATIVE FORUM

By Randy Tessman, CSI, CDT



Recently I discovered a manufacturer's website that goes against common preconceptions in the architect/design community about the use of proprietary specification in public work. The argument presented supports the idea that it is the specifier's duty to research the best available product within the budget and constraints of the project for the owner.

The prevailing thought is that competitive products should be specified so that project costs can be brought into better control. Often product representatives hear that public work requires a minimum of three "equal" product manufacturers be presented. In the real world, an architect may provide the representative with an existing specification and ask him or her to provide "equivalent" products from their own line to those already specified.

Using this guiding principle, some manufacturers have adopted a "Me Too!" marketing approach. In certain cases, products or even entire product lines have been created only to meet the "or equal" specification. Instead of educating the specification writer on qualitative differences in their products, many representatives find it easier to just get specified by submitting "or equal" products. In turn, I have heard an architect claim that a representative was somehow uncooperative because he didn't submit products equal to those on an existing specification.

Those of us who provide a unique product or one designed for superior performance, however, are frustrated by this philosophy. It seems that the reward for the additional research, product development, and quality control by our companies is that our products are relegated to a list of products without those elements. Performance characteristics are lost to competitive bidding.

After finding the website <http://www.precisionair.com/news/proprrty.pdf> on "Can You Afford Not To Write a Proprietary Specification?" by Jose Baz, I became aware that other industry members share this frustration. I do not know this manufacturer and must therefore ask the specifier to- as always- conduct their own research. The arguments Mr. Baz uses for the justification of a proprietary specification, however, should be considered.

This company's finding that nearly half of the architect firms had never written a proprietary specification seems to hold true for the Northwest. I would hazard to guess that the number might actually be higher for our area.

In answering the "three manufacturer" required argument, this article points out that there are findings within the courts that a proprietary specification is not a breach of anti-trust law. It is the specifier's obligation to study the best choice in products for the Owner. Limitations on budget may require that architect find the "best in class" product for that budget.

The argument that an open specification encourages competition is "devaluing competition" according to Mr. Baz. The company that conducts costly and time-consuming research to create a superior product (the result of competition) is forced to "compete at a lower level of quality and performance" by a nonproprietary specification.

Another common rationalization for not using a proprietary specification is that the architect may get too many arguments if he or she writes a proprietary one. Yes indeed. If you choose a product for superior performance characteristics you should be able to defend your position. The research that an architect conducts to come up with systems and elements of a project must be done carefully. It would be easier to write an "or equal" specification, but isn't more in the interest of the Owner to choose the best available product for the project.

Next Product Representative Sharegroup Meeting will be held January 13, 2004 at Billy Reed's Restaurant, 2808 NE MLK Blvd in Portland, Oregon. This month we will discuss methods to leverage our product to the architectural community. See you there.

**ED LOY
CARTOON**

CSI CERTIFICATION PROGRAM

By: Scott Dicker, CSI, CDT - Certification Chair

CSI – CERTIFICATION PROGRAM CSI – CDT CERTIFICATION STUDY CLASS ANNOUNCEMENT



Advance your career. Learn how to create, interpret and administer construction documents. Earn a competitive advantage. These are three good reasons for signing up for the CDT, CCCA, CCS and CCPR examinations.

The examinations will take place on Saturday, March 27th at PSU- Shattuck Room 355.

Sign up today! Log on to www.csinet.org

To prepare yourself for the Construction Documents Technologist (CDT) examination, please join us for pre-certification classes. These classes will begin on Thursday, January 29 at LSW Architects, 1953 NW Kearney, Portland, OR. 97209. The classes will be held on Thursday from 6:00 to 8:00 pm at LSW Architects' Portland Office. Cost is \$125. There is no charge for students from PCC and CCC Construction Technology Programs and the PSU Architectural Department.

You will need to purchase (or borrow from a past student) the Manual of Practice (1996 edition & 2000 Addendum); AIA A201-1997 *General Conditions of the Contract for Construction* ; and EJCDC 1910-8-1996 *Standard General Conditions of the Construction Contract*. You may purchase these documents from the the CSI Institute website www.csinet.org.

Chapter Certification Study Class schedule is as follows:

January 29th	Unit 1 - Construction Process Overview (Jody Moore)
February 5th	Unit 2 – Construction Contract Types (John Lape)
February 12th	Unit 3 - Modifications and Substitutions (Ray Totten)
February 19th	Unit 4 - Rights, Duties, Responsibilities (Jody Moore and Rick Heiserman) Unit 5 - Contract Provisions (Note: This sessions may run 3 hours)
February 26th	Unit 6 - Use of Construction Documents (Dennet Latham)
March 4th	Unit 7 - Organization Formats (Bob Easton)
March 11th	Unit 8 - Interpreting Construction Documents (Skip Brown)
March 18th	Make-up class night, if necessary
March 25th	Review night (All teachers)
March 27th	CDT Exam date PSU- Shattuck Room 355

Please contact Jane Phifer, CSI Portland Executive Director @ jane@portlandcsi.org or 503-805-2500 to sign up and pay for the CDT classes.

SPECIAL ANNOUNCEMENT!

We will offer special study sessions for those interested candidates who want to take the Certification Construction Specifier (CCS); Certified Construction Products Representative (CCPR): and Certified Construction Contract Administrator (CCCA) examinations.

IMPORTANT DATES AND COSTS

March 27, 2004 – Exam in Portland, OR

Register December 2, 2003 to January 31, 2004

CDT: Members \$220, Non-Members \$330

CDT-Students: \$90 Members & Non-Member

CCS/CCCA/CCPR: Members \$275, Non-Members \$385

Register online: <http://www.csinet.org>

The above costs are for the exam only.

THE NOVEMBER 7, 2003 BOARD MINUTES

CALL TO ORDER: The meeting was called to order at 12:05 by President Cherie McNabb at the Portland Chapter AIA Conference Room.

PRESENT: Michael Wilson, Ray Totten, Dennet Latham, Scott Dicker, Jim Wilson, Denise Carpenter, Joe Bolkavatz, Doug Allen, Carolyn Miller, Jane Phifer

ABSENT: Bob Schroeder

GUESTS: Rick Heiserman, Ellen Onstad, Erica Bitterman, John Lape, Lee Kilbourn

1. REVIEW OF GOALS FROM PLANNING SESSION

Cherie went over the goals. Cherie stated that we are doing a good job of accomplishing our goals. Jim stated he is working on lining up the keynote speaker for the Products and Services Fair. Additionally he has a couple of back ups. Scott stated that at the September meeting we announced that we are working on 1 new member for each member. Denise Carpenter is heading up the awards committee with the help of Jim Wilson.

1. COMMITTEE REPORT

Products Fair: Sold more booths, have had no seminars signed up at this time. Working on new flyers for promoting the products fair and giving it a new look. Maybe done for this year or could be next year. New design idea will be brought to the board for approval.

Website: A motion was made by Carolyn, and approved to go with SpecSource for our website. Jane will contact SpecSource and get it going.

Newsletter: Deadline is tomorrow for the December meeting.

Program: October meeting was very good. However, we had some additional costs due to relocation of the meeting. The November meeting is set up. December is going to be "What's happening in Vancouver" an extended social hour with food stations. January is a joint meeting with ASPE at the Princeton on the 3rd Tuesday. Hanset Stainless is sponsoring the speaker for January.

Certification: Classes are going to start January 29th, 6:00 pm starting time. LSW Architects in Portland has volunteered their facility for us to hold the CDT classes. We are not buying MOP's. Participants can buy the MOP directly from CSI or borrow a copy from friend or associate. The exam is March 27th Christine Steel from Port of Portland will be the assistant proctor. Scott would like to hold a class for CCPR, the teachers will have a meeting and figure out how to accomplish this task.

Education: No seminars in the works at this time. We have renewed our agreement with Metro. Talk of having one in May on the new building code.

2. FINANCIAL REPORT

Dennet passed out a financial report outlining the additional costs from the October meeting. He also passed out a list of how we would break down the budget. Taking the old budget and putting it under new classes. The hope is that it will be a cleaner easier budget report to read. A motion was made by Carolyn Miller and passed to accept the budget format as presented by Dennet.

1. BOD MINUTES

A motion was made and approved to accept the October minutes with the discussed revisions.

2. NEW BUSINESS

Cherie brought up the fact that she gets people asking us to promote seminars through our mass email. The board agreed that we should pass on this information through mass email if it is a benefit to membership. Rick suggested that we consider if the notices are for non profit organizations or not. It was brought up that we need to make the industry aware that we are offering to do mass emails. After much discussion it was decided that we need some type of criteria for what we will email out and what we won't. It was stated that these types of email notices should not be sent to our members that have requested no email advertising in their member profile.

Region Directory – In March 2002, the NW Region made an agreement with McGraw Hill to print the NW Region Directory for no cost, knowing they would make costs up in advertising. Additionally, if they received enough advertising they would also distribute the directory. They were short by about \$3000 in meeting the free distribution threshold. The directory is a valuable resource for our members. Therefore in the past the Portland chapter has contributed funds to help pay for some of the region directory in lieu of producing one. The additional cost to the NW Region for distribution is \$1900.00. It was discussed why the rest of the region's chapters wouldn't be able to help with distribution. Seattle produces their own directory so they historically have not helped in the cost of producing. Rick Heiserman stated that the NW Region is asking the chapter to pay \$950 and the region will pay the other half. Since we already had \$1000 budgeted this year for this purpose, a motion was made by Ray Totten to offer the \$950 to assist the NW Region cover costs for the distribution. After much discussion it was amended to support half the cost of distribution not to exceed \$1000.00 passed.

Archives have been moved from Margie Largent's office to Lape's office.

Dennis Obert fund: we will put the sign and box out at the dinner meeting. They received \$10,000.00 at their benefit held last month.

The board thanked Ford Graphics for coming up with the idea of sending out the meeting notices with all their packages. Precision Images is also doing this to help with "getting the word out"

ACTION ITEMS

- *Jane to work with SpecsSource to get the website running
- *Jim to work on Chapter Commendation Award
- *Lee to work on Publication Commendation Award

3. NEXT MEETING

Next board meeting is for December 2, 2003, noon at the AIA office.

Adjourned at 1:25

PROMOTE YOUR COMPANY

It is easier than ever to promote your company and support CSI. See the exciting offers below!

We are offering opportunities to our members to promote their companies by sponsoring our CSI Events.



Here is how:

Table Top Displays:

Your firm will have an opportunity to set up a tabletop display at our monthly Program event. The sponsorship fee for each display is \$125/members and \$150/non-members. The limit is four tabletop displays per meeting.

Tech Talk:

Your firm will have an opportunity to make a 45-minute presentation to the interested chapter members during the hour before the chapter meetings. The sponsorship fee for each Tech Talk is \$200/members and \$225/non-members.

We will announce your firm's sponsorship in the *Predicator* and at the meeting.

Please contact **Jane Phifer**, CSI Portland Executive Director at jane@portlandcsi.org or **503-805-2500** if you would like to share your product and your knowledge with a Table Top Displays or Tech Talk.

METRO - RELEASES SECOND EDITION RECYCLING GUIDE FOR CONTRACTORS

By: Jef Davidson

Metro has produced an updated version of its free Construction Site Recycling Toolkit, a resource guide of more than 100 metro-area locations that recycle or salvage construction debris.

Metro published the first edition of the guide two years ago, and it has enjoyed strong support from the construction industry. This revision updates the recycling facility list and map, and also is available online on Metro's web site at www.metro-region.org/toolkit.

Metro estimates that more than 20 percent of the waste going to landfills in this region comes from construction and demolition activities. Fifty percent of that waste could be recycled, salvaged, reused or otherwise kept out of the landfills.

"We're working directly with the construction industry and builder associations in the area because construction debris has one of the single largest impacts on the region's landfills," said Metro Council President David Bragdon.

"The benefit to the industry is that recycling construction debris often costs less than disposing of it," he said. "And re-using these materials can further reduce costs for both professional builders and even homeowners who could use these supplies."

Metro and its regional local government partners have found strong support for recycling among construction industry associations, public and private construction plan centers and building permit centers, and commercial building supply retailers.

The Toolkit and a companion planner's guide for architects are endorsed by local chapters of the American Institute of Architects, Associated General Contractors, Associated Builders & Contractors, the Construction Specification Institute, the Oregon Remodelers Association, the Used Building Materials Association and the Homebuilders Association of Metropolitan Portland. Some of these associations' members and staff provided direct feedback on both publications.

Six months after distributing the first version of the Toolkit in 2001, Metro conducted a survey to determine if the resource guide was being used and if it was having an impact on contractors' recycling efforts. The survey indicated that 73 percent of Toolkit recipients said they had reviewed the handbook or shared it with others in their company. Of those, 13 percent reported that the Toolkit changed their recycling behavior "a great deal," and 42 percent reported that it changed their recycling behavior "a little." When asked why their recycling behavior increased, 48 percent noted it was because they "learned about new recycling facilities they hadn't yet used."

In last month's *Predicator* we asked:

NAME THAT MEMBER.....

Which Portland CSI member started the chapter's award winning share groups? Email [Jane@portlandcsi.org](mailto:jane@portlandcsi.org) if you know the answer and win a free CSI dinner.

AND THE WINNER IS.....

Jody Moore with **DeaMor**, she correctly answered the question. **Dennis Obert**.

Congratulations Jody your dinner at the chapter meeting in January is free.

(continued on page 9)

RENEWING CSI MEMBERS

JUNE 2003

Abrahamson, Tim J., CSI
Aldrich, Esq., Dean E., CSI
Alexander, Richard E., CSI
Blenkinsop, Richard W., CSI
Brockway, Elizabeth, CSI
Brown, Bruce C., CSI
Charles, Edward E., CSI
Cleveland, Andrew W., CSI
Eggleston, Donald D., CSI
Fatz, Edward F., CSI, CCPR
Gibson, Cornelia, CSI, CDT
Grover, R. Kumar, CSI
Hanset, Jim, CSI
Herbold, Fred, CSI, CCS
Kilbourn, Lee, FCSI, CCS, FAIA
Klas, Robert R., CSI
Loy, Edward, CSI, CDT
Luey, J., Min, CSI
Mann, James, CSI, AIA
Meekcoms, Raoul, CSI
Miller, Glen, CSI
Milsten, Dennis, CSI
Nelson, Brian L., CSI, CDT
Seeley, Les, CSI
Sheehan, Jim, CSI, CDT
Smith, Jennye, CSI, CDT
Van Scoy, Jerry, CSI

METRO SECOND EDITION (Continued)

Copies of the revised Toolkit are being mailed to 8,000 contractors, developers and architects in early November. The Toolkit also is available to the general public. For more information, call Metro Recycling Information at (503) 234-3000 or use the online Toolkit at www.metro-region.org/toolkit.

Metro, the regional government that serves the 1.3 million people who live in Clackamas, Multnomah and Washington counties and the 24 cities in the Portland metropolitan area, provides planning and services that protect the nature of the region.

CWI WANTS YOUR PROJECTS

If you're about to build, or are rehabbing a multi-family project in the Pacific Northwest, this is a good time to think about using energy efficient windows. Why? If you do, the Commercial Windows Initiative (CWI) is offering to provide you with free technical and promotional assistance for your effort! Your project may even end up featured in a Project Profile!

The CWI is on the lookout in the region to showcase projects that use windows that meet CWI criteria. The CWI criteria for windows includes a U-Factor of 0.35 or lower for non-metal framed windows and 0.42 or lower for metal-framed windows. That criterion brings to the Northwest the best of commercially available windows in all operating types. CWI has a goal of increasing the energy efficiency of windows used in small to medium sized commercial and multi-family projects across the region. The focus of the initiative is on manufactured windows.

CWI-qualified windows are widely available from manufacturers around the region. They offer better energy performance and added value to commercial and multi-family projects according to Gary Curtis, director of CWI.

"A CWI-recognized window will help reduce heating and air conditioning use, while providing a significant amount of natural light and UV protection," claims Curtis. "The high performance is matched by a relatively fast energy payback of about seven years, and that's before you factor-in the various incentives and tax credits that are available for installing these windows. Throw in our offer of free technical and promotional assistance for the project and you can't lose!"

The Commercial Windows Initiative has experts on staff that can assist with virtually any technical issue or question relating to windows and energy use you may encounter on your project. "We work closely with window manufacturers and building owners to help resolve issues related to product need, installation, and a host of other matters," states Curtis. "We pride ourselves on answering inquiries in a timely manner...usually the same day."

CWI has a promotional team at the ready to help bring the kind of attention to a project that any building owner would love to have. Primary among those is the program's offer to highlight qualifying projects in their Project Profile series. "We want to shed a very positive light on buildings that use CWI-recognized windows," states Curtis. "We will develop a Project Profile around the job. We'll then expose it to the media, the design and building communities, and utilities across the region, as an example for others to follow."

The Commercial Windows Initiative is a project of the Northwest Energy Efficiency Alliance (The Alliance). The Alliance is a non-profit group of electric utilities, state government, public interest groups and industry representatives committed to bringing affordable, energy-efficient products and services to the marketplace.

For more information regarding CWI and their assistance offer, please contact them at:

Commercial Windows Initiative
(503) 587-8528
info@commercialwindowsinitiative.org

FLY ASH SUPPLY AND QUALITY IN THE NORTHWEST

By: *Richard R. Halverson, ISG Resources, Inc.*

Concrete with fly ash has become commonplace in the Northwest, with many designers specifying higher percentages of fly ash in order to archive LEED points in projects that have adopted the USGBC's LEED standards. The Centralia Steam Plant in Centralia, Washington has been the primary generator of fly ash for the market for over 20 years, supplying the construction industry with some of the highest quality fly ash in the nation. However, in the month of August the quality of the fly ash supplied to the market changed due to a new and unusual coal seam at the Centralia Steam Plant. Due to this change, fly ash generated by the plant was disposed with the market being supplied from ISG's storage facility in Centralia while the ash quality at the plant was being resolved. The end result was a reduction in the volume of fly ash available to the market for two and a half weeks, along with some added effort on the part of concrete producers when using fly ash in air entrained concrete and a short term darkening of the ash. The plant has since used the last of the unusual coal seam over Labor Day and the fly ash has been looking "normal" since that time.

There may be some confusion in the industry regarding the quality of the material supplied from the Centralia plant during this time. We want to assure you that the fly ash shipped from the Centralia plant has always met the conditions and specifications of ASTM C 618 and the Washington and Oregon DOT's. What was seen was a change in the make up of residual carbon typically seen in the fly ash. This change could require the concrete producer to use additional air entrainment chemical and possibly make continuous adjustments to reach a target air percentage in concrete.

In order for concrete to have durability in wet and freezing conditions it is commonplace to entrain air bubbles in concrete that would be the most susceptible to surface damage from freezing and thawing. Concrete that can have a saturated wet .

surface when it freezes, like an outside slab, can be susceptible to freeze – thaw damage. This includes roadways, sidewalks, exterior concrete slabs and some bridge elements. Vertical elements like columns and walls and interior slabs that are unlikely to have a saturated surface and be in a freeze – thaw environment typically are not air entrained. While not all concrete requires air entrainment, all materials at a concrete plant must be usable in air entrained concrete, and while specifications for fly ash do not cover this issue, ISG chose to dispose of fly ash until the ash quality at the plant improved and ISG's Carbon Fixation (CF) system could be upgraded to handle the change in the fly ash.

The CF system was developed by ISG to lessen any impact fly ash may have on air entrained concrete and has been in use at the Centralia Steam Plant for over two years. When needed, the CF system adds a reagent to the fly ash that neutralizes the impact residual carbon may have on air entrainment in concrete.

This system had worked well for two years but was initially overwhelmed by the ash quality until upgrades could be made to the system.

Hopefully this answers many of the questions regarding fly ash supply and quality in the northwest. The Centralia plant continues to produce fly ash and will do so for many years to come. It appears that the ash quality in August was a one time issue and ISG has upgraded the CF system to better handle the type of fly ash seen in August should it ever occur again. ISG is committed to supply the fly ash needs of the design and construction community, and will continue to make improvements wherever possible to provide the market with fly ash that is predictable in use and performance.

CROSS WORD PUZZLE

THE CONTACTS

PORTLAND OFFICERS & DIRECTORS

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Cherie McNabb, CSI, CDT.....360-600-8444

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Jim Wilson, CSI, CCS, AIA.....503-222-1917

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Dennett Latham, CSI, CCS, AIA.....503-423-3998

Executive Director

Jane Phifer, CSI.....503-805-2500
CSI Office - P.O. Box 5116, Salem, OR 97304

Director, Professional 2002-2004

Michael Wilson, CSI, CDT.....503-226-6950

Director, Professional 2002-2004

Bob Schroeder, PE, CSI.....503-227-5280

Director, Professional 2003-2005

Ray Totten, CSI, CCS, AIA503-635-4425

Director, Industry 2002-2004

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Director, Industry 2003-2005

Denise Carpenter, CSI.....503-720-3005

COMMITTEE LEADERS

Archives/Historian

Margie Largent, CSI.....503-620-6573

Awards

Denise Carpenter, CSI.....503-720-3005

By-Laws

Ken Searl, FCSI, CCS.....503-362-3472

Certification

Scott Dicker, CSI, CDT.....503-572-9835

Editor

Jane Phifer, CSI.....503-805-2500

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Pat Murphy, CSI.....503-285-4557

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Orientation

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Planning

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Product Rep Share Group

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Isaac Tevet, CSI, AIA.....503-222-1661

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Igo Jurgens, CSI, AIA.....503-223-0992

Student Affiliate

Rudy Barton.....503-725-3339

Webmaster

Rick Heiserman, CSI, CDT, AIA.....503-892-1321

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Awards - Co-Chairs

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Certification

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Education

Perry White, CSI, CDT.....888-284-6799x25

Membership

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Newsletter/Website Editor

Robert D. Kenworthy, CSI, CCS...253-931-4826

Region Conference Direction Committee

Art Nordling, FCSI, CCS.....509-838-8681

Region Operating Guide

Ken Searl, FCSI, CCS.....503-362-3472

Region Trustee

Larry Barger, CSI, CCS.....360-943-4650

Strategic Planning Task Team

Colin Maynard, PE, CSI.....907-274-2236

Technical

Tom R. Deines, CSI, CCCA.....541-485-1700

Webmaster

Rand New, CSI, CDT.....541-688-5594

Portland Website
www.portlandcsi.org

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)
Dan Graham, CSI, CDT.....907-261-9203

Puget Sound, Seattle, WA (Second Tuesday)
Andrew Estep, CSI.....206-382-3393

Mt. Rainier, Tacoma, WA (First Thursday)
Jerry Litwin, CSI, CCCA.....253-584-5207

Spokane, WA (Second Thursday)
Mark Elliott, CSI, CDT.....509-624-4281

Portland, OR (Second Tuesday)
Jane Phifer, CSI.....503-805-2500

Capital, Salem, OR (Third Thursday)
LaVone Clausen, CSI.....503-371-2070

Willamette Valley, Eugene, OR (Last Thursday)
Rodd Hansen.....541-687-9600

Idaho, Boise, ID (First Tuesday)
Jon Farren, PE, CSI, CDT.....208-429-1307

INSTITUTE DIRECTORS

2001-2004

Jeff Callahan, CSI, CCCA

Ph: 907-786-6425 Fax: 907-786-6444

Email: afjcl@uaa.alaska.edu

University of Alaska Anchorage

PO Box 104882

Anchorage, AK 99510

2003-2006

Rick Heiserman, CSI, CCCA, AIA

Ph: 503-245-7100 Fax: 503-245-7710

Email: rickh@amaa.com

Ankrom Moisan Associated Architects

6720 SW Macadam Avenue, Suite 100

Portland, OR 97219

Region Website
www.csinwr.org

January 2004

Sun Mon Tue Wed Thu Fri Sat

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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

- 1/6 CSI Board Meeting - AIA Office
- 1/8 CSI Specifiers Share Group Meeting
- 1/13 CSI Product Representatives Share Group Meeting, Billy Reed's Restaurant
- 1/12 CSI Membership Committee Meeting, Billy Reed's Restaurant
- 1/20 CSI/ASPE Chapter Meeting - Princeton Ballroom (Note 3rd Tuesday)**
- 1/22 CSI Specifiers Share Group Meeting
- 1/29 CSI Program Committee Meeting, Cadillac Cafe
- 1/29 CSI Certification classes start

February 2004

Sun Mon Tue Wed Thu Fri Sat

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

- 2/3 CSI Board Meeting - AIA Office
- 2/9 CSI Membership Committee Meeting, Billy Reed's Restaurant
- 2/10 CSI Product Representatives Share Group Meeting, Billy Reed's Restaurant
- 2/10 **CSI Chapter Meeting - Princeton Ballroom**
The Future of Sustained Development
- 2/12 CSI Specifiers Share Group Meeting
- 2/26 CSI Specifiers Share Group Meeting
- 2/26 CSI Program Committee Meeting, Cadillac Cafe



Portland Chapter CSI
PO Box 5116
Salem, OR 97304



Knowledge for Creating
and Sustaining
the Built Environment

The Predicator

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Portland, Oregon Chapter — The Construction Specifications Institute

C.S.I. Portland Chapter
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: jane@portlandcsi.org
Web site: www.csinet.org

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Online Time: e-Construction and You

TUESDAY, FEBRUARY 10, 2004

'You've got to spend money to make money.' This old adage may be true, but is the money you spend to work Online really making you more money?

In the last two years, the construction industry has been inundated with offers of new electronic services, software and hardware all promising faster access to project information. Digital technology continues to promote a paperless process and the prospect of 'real-time' communication.

Yet many of us are experiencing more anxiety than ever about covering our bases. We worry about losing opportunity, missing critical information and altering documents. Technology is pushing us forward while our inability to quickly evaluate, select and learn new systems is holding us back.

Tuesday, February 10, 2004, Portland CSI's panel of experts from all walks of the AEC industry will ditch the virtual hype and offer real information you need to make good choices.

Don Bitterman, CSI, Owner/President, Precision Images

e-communication— current technologies and future prospects.
'Virtual sites' open the door to projects without boundaries.

Kevin Henry, Electronic Technology Manager, McGraw-Hill Construction Dodge

Decoding the buzzwords!
Virtual Plan Centers and FTP sites: using them efficiently and correctly.

Jon Grasle, CSI, ASPE, Purchasing Manager, Hoffman Construction

Online Bidding: design drawings, addenda, Bid Forms, pricing.
e-Project sites: submittals, approvals, revisions— who is responsible?

Rick Heiserman, CSI, AIA, Project Manager, Ankrom Moisan Architects

Collaborative software— how it works and dealing with the challenges.

Dick Alexander, CSI, Principal/Attorney, Stoel Rives LLC

e-Risks: What are they and who assumes them?
What are the legal challenges? Are there precedents?

Join our panel for a lively discussion. Bring your questions and get current on the opportunities, trends and trials of your job and the Internet.

Tuesday, February 10, 2004

The Princeton Ballroom, 614 SW 11th

\$30 per person, pre-registered by Feb. 5, or buy a table of eight for only \$230

Late registrations and Walk-ins \$40.00, as space may be available.

5:30 Meet Your Colleagues / 6:30 Dinner, by Jake's / 7:30 Presentation

Please see enclosed Event Reservation Form for easy registration.

PRESIDENT'S MESSAGE

By Cherie McNabb, CSI, CDT



I am writing this on January 5, 2004. The day of the big winter storm watch. Very chilly weather and snow on its way. Weather has such an impact on the construction market. Most of us continue to work no matter rain, wind, sleet or snow. As they say the show must go on.

I had some experience with some remodel this fall and winter. We started our remodel on 8/25/03. The weather was so good to us during the beginning tear out and roof removal. We were almost closed in. Meaning most of the roof was up. They had just the roof over the dining room and stairway to do and then Mother Nature decided to dump a load of water on us one day. I was in my office working away when I heard some strange pounding noise. Yep, it was pouring and it was coming into my home. We bought a huge tarp and thank goodness for friends. We were able to get the huge tarp draped over the entire roofline (of course it was simply pouring on the two that were slipping around putting the tarp up). Now, I was just panicking the whole time and we all know that is always helpful.

This was a sign of future weather. By the beginning of the next week we were able to get the rest framed in so the roofer was able to come and dry us in.

The construction continued, and continued and continued. As you may remember I went on a vacation and was gone for a while in October so during the kitchen tear out I was gone.

We have remodeled many times in our life in this old house but none quite so extensive. One thing I learned from this experience is how to deal with sub contractors inside your home. Basically we had our whole house exposed to the outside world for quite sometime. People say that your home is your castle. This comes to light when there are strangers coming and going in your home. Some subs were very polite and seemed to care about the area they were working on.



One sub in particular forgot that they were working on a house that was being lived in. They left their food garbage all over the area (family room, kitchen and bedroom) they were working on. I have a dog and she was in

total heaven. I didn't realize that they had left food on the floor so she had a feast - What a mess!

We did have some great subs. The framer we used Zach Woltersdorf was excellent. Ethan Carey who did my hardwood flooring did a great job. Classic Cabinets in



Vancouver did my cabinets and did a super job. My Corian® countertop done by Precision Countertops looks beautiful. Rob Bishop who did my ceramic also did a terrific job. The company that did my gyp board was a

struggle to work with, too bad we were doing so well, Almost got an 'A' on the whole project.

We were without a kitchen for about 2 ½ months. This was a bit of a challenge but I know others have done it before. We all survived and didn't starve. The new kitchen is fantastic. I have never had a kitchen this nice. We are about ¾ of the way done with the remodel and it is looking great.

If everyone that is out working in others homes and work spaces would just remember to think about - "What if this was my home or my place of work?" Everyone would be happier. Most consumers just need that customer care and service.

One more thought and reminder for our everyday life in the construction industry is this: We must communicate throughout the whole project. Never assume that you understood others thoughts. Always ask more questions, get things in writing and follow up with an additional email or phone call. Communication is a key point for making a project run smoothly and successfully.

BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



In the November issue of The Construction Specifier magazine on page 26 entitled, "Substitutions and the Construction Stage" written by David J. Wyatt CSI CCS CCA. It is a very good article full of lots of good information. One thing I want to add is to be sure one specifies and follows up with a workable Section 01630 Product Substitution Procedures for Post-Bid Substitution Requests and a Substitution Request

form. If you would like a copy of the CSI Northwest Region Substitution Request form with Instructions and a Master Section 01630 Product Substitutions Procedures for Post-Bid Substitution Requests, let me know and I will send them to you. Tel/Fax: 503-362-3472 Email: klsearl@netzero.net.

Recently I attended a CSI Monthly Chapter Meeting where the topic of discussion was Paints. It was stated that primers for steel should be in Specification Section 05500 in Fabrication and top coats in Section 09900. It was also stated to be careful when specifying steel primers to be sure primer is compatible with specified paint. A poor performing primer is always a No-No.

Certain paint manufacturers produce products that are unique to the industry or are designed to outperform other paints used in the industry. The uniqueness may be an ingredient (ceramic pigments, antimicrobial agents, or alkyd-modified acrylic resin) or it may be the research, quality control, and final product composition of the paint. These products normally carry a higher price tag than standard commercial paint and therefore are either specified in a proprietary manner or as a reference product. By using these products as a reference product, it allows other manufacturers to try to compete and "raise the bar" in manufacturing quality products.

As in all things, it is the specifiers duty to separate "marketing" from real qualitative difference in superior paint choices.

My present Specification Section 05500 reads as follows: 2.2 Fabrication A8: Apply one coat approved metal primer according to manufacturer's instructions. It is also noted that cross references between Sections 05500, 09900 and Alternates are shown.

I'll toss this in just for the heck of it. One hears the expression, "Too old to cut the mustard". I find the word "mustard" is incorrect. It should read "muster". This expression originally came from the military who hold musters. Evidently only the younger military members did most of the muster cutting. When I was a young member of the US Navy I do remember cutting muster a time or two. Don't ask me "How Come?" So There!

CSI NEW MEMBER ORIENTATION

A special invitation to all New Members of the Portland Chapter!

You are invited to join our Board of Directors and committee chairs at a special reception on **Tuesday, February 10, 2004. Join us for wind and appetizers at 5:00 PM at the Princeton Building, right before the dinner meeting.** *(Please note: a separate reservation will be required for the dinner meeting.)*

You will have an opportunity to meet the Officers and active members of our Chapter while learning about what we are doing now and our direction for the future.

Come with your questions and ideas, and find out more about the benefits of taking an active role in making things happen for Portland CSI.

And, you will receive your official CSI pin!

Michael Muhle, CSI, CDT, is coordinating this event. Please contact him to confirm your availability and interest: Phone (503) 284-6799 Ext. 18, or e-mail him at the following: michael@deamor.com.

PERKY'S NOTES

By Perky Kilbourn, CSI

As a microbiologist who sometimes gets involved with "sick" buildings, I am quite interested in sustainability and LEED certified buildings. In November, Portland Chapter CSI's program was "LEED: Mandate and the Reality." **Dorothy Payton** was the moderator from Green Building Services of Portland.

Bill Foster, State Architect, Oregon Department of Administrative Services (principal owner representative with responsibility for implementation of Governor Kitzhaber's executive order) started the panel discussion. Governor Kitzhaber issued an Executive Order requiring the North Mall Office Building be a sustainably designed building. This meant that it be a collaborative and cooperative process to produce the following results:

1. Design the North Mall Office Building to result in a recognizably sustainable building.
2. Develop a specification supporting this design.
3. Review the effort to confirm success.
4. Distinguish between sustainability and "green".
5. Maintain balance between current economics and the environment.

If the design team begins with a "traditional" building and adds features to make it LEED certified, the resulting building may become more expensive. Instead the design team started early in the design phase to make it a sustainable and LEED certifiable building as the design progressed. The design team didn't want to be "chasing points" for LEED certification.

Nels Hall, principal with Yost Grube Hall, Project Design Architect, then discussed the program requirements, which suggested three buildings; two 3-story buildings and one 1-story building - to fit in with residential area next to the mill stream. The architects recommended the three buildings be merged into one, with an atrium, and with common elevators and other support systems.

Steve Strauss, President of GLUMAC International, project MEP engineers, discussed the day lighting and natural ventilation. Building costs were analyzed for both initial cost as well as life cycle and maintenance expense. If something was not cost effective they would not use it. They had to analyze costs in each design phase.

The final design allows people to work with a view of natural light, either from exterior windows or the atrium. The atrium also allows ventilation and provides a break out space. The design includes storm water storage for irrigation of landscaping. The lighting adapts to natural light so the lights dim if sun light comes in. A comparison of radiant versus convection heat was also done in conjunction with various structural systems. In the end radiant heat was used with concrete structural systems.

The team is now collecting data to submit for LEED certification. This program was really a progress report because the full story is not in. The meeting then closed with questions.

PROMOTE YOUR COMPANY AT CSI EVENTS!

We are offering opportunities to our members to promote their companies by sponsoring our CSI Events. Here is how:

Table Top Displays:

Your firm will have an opportunity to set up a tabletop display at our monthly Program event. The sponsorship fee for each display is \$125/members and \$150/non-members. The limit is four tabletop displays per meeting.

Tech Talk:

Your firm will have an opportunity to make a 45-minute presentation to the interested chapter members during the hour before the chapter meetings. The sponsorship fee for each Tech Talk is \$200/members and \$225/non-members.

We will announce your firm's sponsorship in The Predicator and at the meeting.

Please contact Jane Phifer, CSI Portland Executive Director jane@portlandcsi.org or 503-805-2500 if you would like to sign up for a Table Top Displays or Tech Talk.

WHAT DO YOU SAY? .. News and views from the Specifiers Share Group

By Dave Shelman, CSI, CCS

(The following press release is from the CSI national website "Press Room", dated 1-6-04)

Implementation Work for MasterFormat 04 Has Begun



CSI already has begun working with the building design and construction industry on the transition to MasterFormat 04. In October 2003, the Institute convened an initial working meeting in Washington of high-level representatives from a variety of construction organizations. Attendees provided input on how to best go about training and education on the new edition

and raise the industry's awareness of it. Participating organizations included:

- The American Institute of Architects
- The American Society of Civil Engineers
- ARCOM Master Systems
- Associated Builders and Contractors
- Autodesk
- Bentley Systems
- Construction Specifications Canada
- The McGraw-Hill Construction Information Group
- The National Institute of Building Sciences
- Reed Construction Data
- Specifications Consultants in Independent Practice.

"Attendees at the industry session recognized that any change of this magnitude will present a challenge for some users of MasterFormat, as has been the case with previous revisions," said CSI Executive Director Borgstrom, Ph.D. "But the overall sentiment expressed by stakeholders was that this expansion is a good investment in the viability and use of MasterFormat for the long term."

CSI is using the meeting's input in developing a campaign incorporating communications, inter-organizational cooperation, education, and training to help MasterFormat users switch to the new edition. A major focus will be working through other construction organizations in a "train-the-trainer" approach. They will tailor CSI-supplied MasterFormat 04 materials to their constituencies' specific needs.

Among the resources CSI will provide in conjunction with MasterFormat 04 will be electronic and paper versions of transition materials to aid MasterFormat 95 users in comparing and converting section and division titles and numbers.

Heading CSI's work with the industry on the new edition's adoption will be the MasterFormat Implementation Task Team, chaired by Michael D. Chambers, FCSI, CCS, FAIA.

MasterFormat 04's content is based primarily on the building design and construction industry's input. Throughout the new edition's development, the MasterFormat Expansion Task Team sought feedback through workshops, meetings, and Internet message boards. More than 500 A/E/C organizations were asked for information. Each draft of the new edition was posted on CSI's website for comment. MasterFormat Expansion Task Team members wrote articles and were interviewed for dozens of construction trade press stories to help raise awareness of MasterFormat 04's development and generate industry comment.

The MasterFormat 04 outline can be downloaded from: www.csinet.org/masterformat.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Announcements are sent out to Share Group attendees approximately a week ahead of each meeting. If you do not currently receive the announcement and wish to, send an e-mail message to either Isaac Tevet (itevet@ffadesign.com) or Fred Herbold (herboldfld@aol.com).

CARTOON

CSI MEMBERS MOMENTS



RENEWING CSI MEMBERS JULY 2003

Fitzgibbon, Henry, CSI
Giger, Jim, CSI
Heiserman, Richard H., CSI, CCCA
Huld, Ron, CSI
Imes, Leslie, CSI
Jaeger, Craig, CSI, CDT
LaFarge, Mark, CSI
Lane, Carol
Lee, Brian D., PE, CSI
Logan, Nickie L., CDT
Milstein, Ron, CSI
Moore, Jody R., CSI, CDT
Moyes, Mark B., CSI
Nicholson, Raymond V., CSI, CDT
Ream, Samuel R., CSI, AIA
Schiller, Robert D., CSI
Schmautz, Arnie, CSI
Vande Bergh, Stan, CSI
Wilson, James B., CSI, CCS

RENEWING CSI MEMBERS SEPTEMBER 2003

Agnelli, Philip J., CSI
Bishop, Tana, CSI
Deland, James W., CSI
Fatz, Edward F., CSI, CCPR
Hoover, Michael D., CSI
Jackson, Ron, CSI
Keil, Brian D., CSI, CCPR
Kilbourn, J.P., PhD, CSI
Lee, Neil Y., CSI, CDI, AIA
Marlatt, Pamela, CSI
Marshall, Adonica, CSI
Morris, Corey L., CSI
Owen, Sean, CSI
Retz, George, CSI
Rueda, Xavier E., CSI
Wildeboer, Terry, CSI

RENEWING CSI MEMBERS AUGUST 2003

Baker, Renee A., CSI
Barker, John H., CSI, CCS
Beach, David, PE, CSI
Bolkovatz, Joseph F., CSI
Booth, Mark E., CSI, CDT
Fennig, Anthony Joseph, CSI
Hausserman, Robert, CSI
Henson, Bud, CSI
Hubbard, Stephen A., CSI

Hurley, Richard P., CSI, CDT
Jackson, Bruce, CSI
Joens, Linda, CSI
Jonson, David A., CSI-I
Kloster, Kaye, CSI
Latham, Dennet W., RA, CSI, CCS, AIA
Maros, Michael, CSI
McCurdy, Philip R., CSI
Murphy, Patrick M., CSI
O'Brien, Jack, CSI
Saba, Karen L., CSI, CCCA
Sandahl, William H., CSI
Schroeder, Robert V., CSI
Sipe, Monte L., CSI
Stanek, F. Arlen, CSI, CDT
Steffen, Michael, CSI
Stein, Eddie, CSI
Van Luenen, O., CSI
Young, Jim, CSI

RENEWING CSI MEMBERS OCTOBER 2003

Aquilizan, Rolando C., CSI
Baker, Mike, CSI
Beard, Alan J., CSI, FAIA
Brown, David R., III, CSI, CCS
Chang-Fuller, Marjorie S., CSI
Chew, J. Laurence, CSI, CCS
Cockburn, Tim, CSI, CDT
Cundiff, James L., CSI
DeBonny, Mike, CSI
Gibson, Klaus P., CSI
Grant, Michael C., CSI
Hardy, Michelle, CSI
Hawes, Michael R., CSI
Humber, David J., CSI, CDT
Jones, Marty, CSI
Kouba, John, CSI
Lebo, Thomas R., CSI, CDT
Loftesness, Alan, CSI
Miller, Carolyn, CSI, CDT
Okana, Robert, CSI
Reisinger, Kirk, CSI
Sandgren, Lars, CSI
Shelman, David, CSI, CCS
Shur, Nick, CSI
Smith, Ronald L., CSI
Steel, Christine M., CSI, CCS
Suman, Walt, CSI, CDT
Swick, Teresa, CSI
Totten, R. Ray, CSI, CCS, AIA
Townsend, Bruce L., CSI
Waddell, James, CSI
Wilson, Michael E., CSI, CDT

MEMBER NEWS

Hanset Stainless Makes Major Investment in Automation!

Jim Hanset, a long time member and major supporter of Portland CSI, is please to announce that Hanset Stainless is making a \$1-million investment in the Pacific Northwest.

The first and largest fully automated metal laser-cutting system in the Pacific Northwest is up and running at Hanset Stainless, Inc., (HSI) in Portland. The more than \$1 million system cuts thicker plates of steel up to three times faster than conventional laser-cutting setups. This allows architects, engineers, original equipment manufacturers (OEMs) and building contractors to obtain specialty metals cut to order from a local supplier and delivered in a fraction of the time possible from older systems.

“This provides Northwest firms with a just-in-time supply of made-to-order, precision-cut metals,” said Jim Hanset, HSI president. “And it gives the region a manufacturing edge.”

The closest system similar to HSI’s is located in Stockton, Calif., Hanset says. The added capabilities of the new automated laser-cutting system appeal to professionals who use stainless steel, aluminum and other sheet metals for making equipment, parts and fixtures for such things as commercial kitchens, food-processing and medical machinery and trucks, or for ornamental work on building interiors and exteriors. This includes architects, designers and engineers at OEMs, sheet metal shops, contract manufacturers and building contractors.

“Hanset’s new capabilities mean I can turn projects around a lot faster,” says Rocky Henderson, owner of Quest Ventures, a Portland kitchen equipment and furnishings contractor. Quest Ventures recently used HSI’s automated laser system to prepare a full commercial kitchen for a California job under a tight deadline.

Over the past 10 years, laser cutting has become the gold standard for metal cutting. Architects and metal fabricators prefer it over other methods such as water-jet cutting and plasma cutting, Hanset says. Compared to these methods, laser-cutting technology produces a higher-quality edge, one that’s sharper, cleaner and requires less finishing. A sharper, cleaner edge is important for precision fitting of components as well as for a better-looking cut.

“Architects want a look that’s not out of a catalog,” Hanset says. “They want something that’s sharp and crisp, with square edges. And only laser-cutting technology can provide that look.”

This new automated system, manufactured by Trumpf Inc. at its Connecticut plant, takes laser-cutting technology to

new heights. First, the 4,000-watt laser is capable of cutting steel sheets up to one inch thick. Previously, the thickest sheet that HSI could cut measured 1/2 inch. This thicker-cut capability appeals to architects, who are increasingly specifying thicker steel for its blockier, chunkier look.

But the system’s biggest advantage is its start-to-finish speed, particularly for harried manufacturers and contractors.

Everything goes faster with the automated system, from loading to cutting to unloading. And the whole operation requires less labor. That yields two important benefits for customers: one, they can get their materials in less time, and two, it lowers their costs. Speed and cost are more important than ever. The pace of business has quickened, shrinking lead times. And as businesses look to cut costs and become more competitive, off-shore suppliers have entered domestic markets with cheaper goods. “Our customer’s first question is, ‘How quick can I get it?’” Hanset says. “Their second question is, ‘How much is it going to cost?’”

HSI’s new laser-cutting technology answers both questions. Its throughput—the time it takes to pull, load, cut, unload and store metal sheets—is now an average of three times faster than the company’s previous technology.

Plus, the automated laser system does most of the work by itself. The operator can input an entire job or several jobs into the computer at once, punch a button, and set the system to work solo from that point on. The system will robotically pick the proper sheet of metal from racks, deliver it to the cutting table, cut it, and then move it back to a designated shelf for easy storage and job collating.

Automation also allows the system to run unattended. An operator can load instructions into the computer before leaving the building and set the machine to operate on its own through the night. The system can work continuously, 24 hours a day, seven days a week, exponentially increasing its manufacturing capacity.

For customers, this means they can, for example, order parts in the afternoon and have them ready the following day at 7 a.m. It also means savings. The increased productivity has allowed Hanset Stainless to lower its costs by 20 percent and pass those savings on to customers. Lower costs not only keep Hanset Stainless competitive, but keep well-paying manufacturing jobs in Portland and the United States, Hanset says.

“We’ve got to face up to the challenge of being a manufacturer in America. Or give up—and I don’t believe in giving up,” Hanset says. “The way to succeed is to find out what the market needs and deliver it. And we simply have to automate and invest in our workforce. With highly trained workers and the proper equipment, we can fight the threat from outside our borders.”

CSI MEMBERS MOMENTS



THE DECEMBER 2003 BOARD MINUTES

CALL TO ORDER: The meeting was called to order at 12:05 by Vice President Scott Dicker at the Portland Chapter AIA Conference Room.

PRESENT: Michael Wilson, Ray Totten, Dennett Latham, Scott Dicker, Denise Carpenter, Doug Allen, Carolyn Miller, Bob Schroeder, Jane Phifer

ABSENT: Cherie McNabb, Jim Wilson, Joe Bolkovatz

GUESTS: Rick Heiserman, Erica Bitterman, Lee Kilbourn, Jody Moore

1. COMMITTEE REPORT

Products and Services Fair: They are working on a new look / branding for the Products and Services Fair. Jim Wilson will get back to us next month. We are working on commitment from the Keynote Speaker. The goal is to have someone chosen and on board by January.

Website: The committee met and got the form filled out for SpecSource. We have a few details to work out such as online payment. We had a conference call with SpecSource and gave them Atlanta's website as one we would like to mirror for appearance and content. Jane will send off the form and it should be 4 to 6 weeks before it is up and running.

Newsletter: Deadline is tomorrow for the January newsletter and the first Wednesday of the month in the future.

Program: November chapter meeting went very well, with great audio. However, we had a small loss of \$83.80. The December meeting is Viva Vancouver, and will be a strolling buffet with 6 architects displaying projects around the room and our speaker from Vancouver. January is a joint meeting with ASPE and scheduled for January 20, 2004.

Certification: To date, eight people have pre-registered for this years CDT class. Rick was in the Puget Sound area and secured information to do a CCCA class. Rick is willing to take the material and put together a class for later this year or next year. The board agreed that if we could do a study class for CCCA more people might go for that certification. It was proposed to hold the CDT classes at LSW's auditorium in their Portland office this year. A motion was made and passed to use LSW's facility and the Board expressed their appreciation for LSW allowing us to use their facility for the 2004 CDT class.

2. FINANCIAL REPORT

Dennet passed out a financial report for the month of November. He showed that we are running at a deficit. However, looking at the history we are not too far off from where we have been in years previously.

3. BOD MINUTES

A motion was made and approved to accept the November minutes with the discussed revisions.

4. NEW BUSINESS

Scott announced a meeting for New Partners for Smart Growth, meeting at downtown Hilton, Portland, OR

OLD BUSINESS

Region Directory - Rick stated that he went to the Puget Sound board meeting and asked them to share with the Portland chapter in the cost of mailing out the Region Directory. They indicated that they will discuss it at their next board meeting and get back to Rick Heiserman.

ACTION ITEMS

*Scott to write article on tabletops for newsletter

*Scott to contact Columbian for notification of our December meeting

5. NEXT MEETING

Next board meeting is for January 6, 2004, noon at the AIA office.

Adjourned at 1:19

Respectfully Submitted,
Doug Allen
Secretary

CROSS WORD

THE CONTACTS

PORTLAND OFFICERS & DIRECTORS

President

Cherie McNabb, CSI, CDT.....360-600-8444

President Elect

Scott Dicker, CSI, CDT.....503-572-9835

Immediate Past President

Jim Wilson, CSI, CCS, AIA.....503-222-1917

Secretary

Doug Allen, CSI.....360-263-0049

Treasurer

Dennett Latham, CSI, CCS, AIA.....503-423-3998

Executive Director

Jane Phifer, CSI...503-805-2500 or 503- 399-7312
CSI Office - P.O. Box 5116, Salem, OR 97304

Director, Professional 2002-2004

Michael Wilson, CSI, CDT.....503-226-6950

Director, Professional 2002-2004

Bob Schroeder, PE, CSI.....503-227-5280

Director, Professional 2003-2005

Ray Totten, CSI, CCS, AIA503-635-4425

Director, Industry 2002-2004

Carolyn Miller, CSI, CDT.....503-260-7744

Directory, Industry 2002-2004

Joe Bolkovatz, CSI.....503-978-0800

Director, Industry 2003-2005

Denise Carpenter, CSI..... 503-720-3005

COMMITTEE LEADERS

Archives/Historian

Margie Largent, CSI.....503-620-6573

Awards

Denise Carpenter, CSI..... 503-720-3005

By-Laws

Ken Searl, FCSI, CCS.....503-362-3472

Certification

Scott Dicker, CSI, CDT.....503-572-9835

Editor

Jane Phifer, CSI.....503-805-2500

Education

Jim Wilson, CSI, CCS, AIA.....503-222-1917

Continuing Education

Skip Brown, CSI, CCS.....503-222-1917

Golf Tournament - Co-Chairs

John Armstrong, CSI.....503-579-2477

Erica Bitterman, CSI..... 503-274-2030

Library

Perky Kilbourn, CSI.....503-244-1778

Membership - Co-Chairs

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Pat Murphy, CSI.....503-285-4557

Nominations

Jody Moore, CSI, CDT.....503-284-6799

Operations Guide

Ken Searl, FCSI, CCS.....503-362-3472

Orientation

Michael Muhle, CSI, CDT.....503-284-6799

Planning

Curt Austin, CSI, CCPR.....503-238-1253

Product Rep Share Group

Randy Tessman, CSI.....503-318-8046

Products & Services Fair - Co-Chairs

Cornelia Gibson, CSI, CDT.....503-624-7444

Ellen Onstad, CSI, CDT.....503-225-0361

Programs - Co-Chairs

Jody Moore, CSI, CDT.....503-284-6799

Scott Dicker, CSI, CDT.....503-572-9835

Publicity

Jane Phifer, CSI.....503-805-2500

Specifiers Share Group & Technical

Fred Herbold, CSI, CCS.....503-297-1382

Isaac Tevet, CSI, AIA.....503-222-1661

Student Affairs - Co-Chairs

Randy Tessman, CSI.....503-318-8046

Igo Jurgens, CSI, AIA.....503-223-0992

Student Affiliate

Rudy Barton.....503-725-3339

Webmaster

Rick Heiserman, CSI, CDT, AIA.....503-892-1321

REGION COMMITTEES

Academic Affairs

Loren Berry, CSI.....206-223-5052

Archives

Bob Hesselstine, CSI, CCS.....503-765-0374

Awards - Co-Chairs

Leo Emerson, CSI, CDT.....206-870-1976

Certification

Brian Keil, CSI, CCPR206-763-0300

Education

Perry White, CSI, CDT.....888-284-6799x25

Membership

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Newsletter/Website Editor

Robert D. Kenworthy, CSI, CCS...253-931-4826

Region Conference Direction Committee

Art Nordling, FCSI, CCS.....509-838-8681

Region Operating Guide

Ken Searl, FCSI, CCS.....503-362-3472

Region Trustee

Larry Barger, CSI, CCS.....360-943-4650

Strategic Planning Task Team

Colin Maynard, PE, CSI.....907-274-2236

Technical

Tom R. Deines, CSI, CCCA.....541-485-1700

Webmaster

Rand New, CSI, CDT.....541-688-5594

Portland Website
www.portlandcsi.org

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)

Dan Graham, CSI, CDT.....907-261-9203

Puget Sound, Seattle, WA (Second Tuesday)

Andrew Estep, CSI.....206-382-3393

Mt. Rainier, Tacoma, WA (First Thursday)

Jerry Litwin, CSI, CCCA.....253-584-5207

Spokane, WA (Second Thursday)

Mark Elliott, CSI, CDT.....509-624-4281

Portland, OR (Second Tuesday)

Jane Phifer, CSI.....503-805-2500

Capital, Salem, OR (Third Thursday)

LaVone Clausen, CSI.....503-371-2070

Willamette Valley, Eugene, OR (Last Thursday)

Rodd Hansen.....541-687-9600

Idaho, Boise, ID (First Tuesday)

Jon Farren, PE, CSI, CDT.....208-429-1307

INSTITUTE DIRECTORS

2001-2004

Jeff Callahan, CSI, CCCA

Ph: 907-786-6425 Fax: 907-786-6444

Email: afjcl@uaa.alaska.edu

University of Alaska Anchorage

PO Box 104882

Anchorage, AK 99510

2003-2006

Rick Heiserman, CSI, CCCA, AIA

Ph: 503-245-7100 Fax: 503-245-7710

Email: rickh@amaa.com

Ankrom Moisan Associated Architects

6720 SW Macadam Avenue, Suite 100

Portland, OR 97219

Region Website
www.csinwr.org

February 2004

Sun Mon Tue Wed Thu Fri Sat

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

- 2/3 CSI Board Meeting, AIA Office
- 2/9 CSI Membership Committee, Billy Reed's Restaurant
- 2/10 CSI Product Representatives Share Group Meeting, Billy Reed's Restaurant
- 2/10 **CSI New Member Orientation, 5PM (See page 3)**
- 2/10 **CSI Chapter Meeting, Princeton Ballroom (See Cover)**
Online time e-construction and you
- 2/12 CSI Specifiers Share Group Meeting
- 2/26 CSI Specifiers Share Group Meeting

March 2004

Sun Mon Tue Wed Thu Fri Sat

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- 3/2 CSI Board Meeting, AIA Office
- 3/9 **CSI Chapter Meeting, Princeton Ballroom**
The Future of Sustained Development
- 3/8 CSI Membership Committee, Billy Reed's Restaurant
- 3/11 CSI Specifiers Share Group Meeting
- 3/25 CSI Specifiers Share Group Meeting



Portland Chapter CSI
PO Box 5116
Salem, OR 97304



Knowledge for Creating
and Sustaining
the Built Environment

The Predicator

Volume 43, Issue # 7

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Portland, Oregon Chapter — The Construction Specifications Institute

C.S.I. Portland Chapter
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: jane@portlandcsi.org
Web site: www.csinet.org

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NEXT-GENERATION BUILDING DESIGN AND TECHNOLOGY *How MIT's House_n project will change our work*

TUESDAY, MARCH 9, 2004

Environmental responsiveness in design and construction has evolved from marketing opportunity to a matter of professional responsibility. Like the structural soundness of a building, it is a standard that must be met, and in the end it will revolutionize our buildings. 48 percent of US energy is consumed through the buildings. Fossil fuels provide 85 percent of US electricity; renewable wind and solar account for less than 2 percent. Energy efficiency is the singular feature of sustainable development. Global warming and energy authority Dr. Martin Hoffert estimates to meet projected demand for electricity, generating capacity must increase by 7 to 25 trillion watts over the next 50 years - roughly equal to building a large emissions-free power plant every week until 2054.

The demands our buildings must answer multiply, but the places we create are largely static and unresponsive. Changing Places, a research consortium at the Massachusetts Institute of Technology, is exploring how new technologies, materials, and strategies for design and building will make possible dynamic, evolving places that respond to the complexities of life and transform challenges into opportunities. Some of those challenges and opportunities may include:

- Demographics and economics impose a transition to home-based elder care and preventative medicine.
- Substantial increases in energy efficiency are compelled by the limitations of centralized energy generation, and the power grid.
- Distributed renewable energy production becomes viable and essential due to unreliable centralized supplies and volatility in fossil fuel resources.
- Highly innovative mass-market technologies for home-based health care, energy conservation, and communication need buildings with adaptable, upgradable infra-structures.
- Sensing and computation devices are widely incorporated into building components and materials.

That is a glimpse of the future that is being explored and tested in the Changing Places and House_n projects at MIT. Sure we've heard the Jules Vern stuff before, and if you believe Arthur C. Clarke we are on Mars right now (oh, that's right, we ARE on Mars right now!) Join us Tuesday evening, March 9 for a presentation by the award winning architect, the Founder and Director of the MIT Digital Design lab and principal researcher in the House, n Project, Kent Larson. See the follow-up article in this issue of The Predicator for more details on Kent Larson.

Tuesday, March 9, 2004

The Princeton Ballroom, 614 SW 11th, Portland, OR

\$30 per person, pre-registered by March 4, or buy a table of eight for only \$230

Late registrations and Walk-ins \$40.00, as space may be available.

5:30 Meet Your Colleagues / 6:30 Dinner, by Jake's / 7:30 Presentation

Please see enclosed Event Reservation Form for easy registration.

PRESIDENT'S MESSAGE

By Cherie McNabb, CSI, CDT



There are perks to travel! This last trip I had the privilege to visit with Michael for a bit. He was a bit stiff but allowed me to get a picture too.

What a great guy!

I would like to focus this month on my favorite topic ~

Happiness and Laughter!

I have read the book - The Four Agreements, by Don Miguel Ruiz – This book offers a powerful code of conduct that can rapidly transform our lives to a new experience of freedom, true happiness, and love. I enjoyed the book and use it as a reference. Here are a few basic thoughts straight out of the book.

- ~ Be impeccable with your word
- ~ Don't take anything personally
- ~ Don't make assumptions
- ~ Always do your best

Studies have shown that if every single person took the responsibility to express kindness they would feel good about themselves and we would have a much more peaceful world.

- ~ You may ask – can kindness really make a difference in a hyper competitive me-first society that seems to traffic in rudeness?
- ~ Yes, sometimes the job feels overwhelming simply because the world is so big and there is so much to do.
- ~ Yes, the world can be frustrating and depressing at times. We must remember that kindness spread in small doses and then multiplied makes the world a better place.

Happiness in any organization starts with the leader and being a positive leader boosting others self-confidence will build the organization to be bigger and better than ever. Each and every one of you needs to create an atmosphere for yourself where happiness is pervasive because happy is transferable from other things and people to you and your wallet.

We must remember to treat each other with respect, compassion and kindness – sounds simplistic doesn't it. Research shows that regularly performing kindnesses provides short and long-term mental and physical health benefits to the person doing the kind deeds.

Apparently, when people are being kind they are also being good to themselves, as well.

Here is another thought to ponder on. Happiness can be and is EVERY DAY. We have to remember to take some measure of action to allow THE DAY. You have all heard this – when you are happy on the inside it never goes away.

One saying I used to always tell and still tell my daughter “You make your own fun!” In other words – when you go to an event or are involved in a meeting just join in and make your mark so in the long run you will have a more positive memory around the event.

Other things to think about – the smallest good deed is better than the grandest of good intentions. So if you have a good idea for the organization get a group together and go forward with it.

“Never doubt that a small group of thoughtful, committed citizens can change the world indeed, it is the only thing that ever has” Margaret Mead

I received a card the other day from a supportive coworker and this is what it said.

Laugh!

Give yourself permission to laugh ~

Long and loud and out loud ~

Whenever anything strikes you as funny.

The people around you may think you are strange, but sooner or later they will join in even if they don't know what you are laughing about. Some diseases may be contagious, but none is as contagious as the cure.... Laughter

Hope you have the opportunity to laugh and enjoy life's simple pleasures.

Peter McWilliams

I wish you all a terrific month. Enjoy the small pleasures in our lives....



BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



When I started writing BS Columns I never thought I would reach over 300. My son says that is a lot of BS, but I think his view is different than mine. Sometimes I start out with nothing in mind and then all of a sudden it comes to me what to discuss. One CSI member suggested that I get custom auto license plates with wording BS BY KS. He doesn't know it as yet, but a few years ago my home CSI Chapter

presented me with black edged license plate frames with the words in white letters on top BS BY KS and on the bottom of frames in larger letters were the words NOTHING COMPARES. My wife still snorts once in a while over the wording on the frames.

Now on to current CSI specifications and any problems thereof. In the past much has been said and done regarding concrete poured over a vapor barrier. There is an article in the December 2003 issue of The Construction Specifier magazine on page 10 Letters, wherein the writer discusses "The Problem with concrete flooring." The writer makes one statement as follows: Flooring products are (in many cases) vapor retarders. (I presume he means concrete slabs on ground have no vapor barrier installed on ground) This may be true but why specify items to permit this to happen? If a good vapor barrier is installed properly under an interior concrete floor, then where is the applied floor covering going to get any moisture. As I see the situation one should never specify a vapor retarder under an interior slab on grade that is to receive vinyl type floor material. Specify vapor barrier type only.

Another item of great importance is being sure all items regarding a concrete slab on grade with vinyl or similar type floor covering are in place as called for in the specifications. It is noted the Floor Covering Institute specifies that certain moisture tests be reached before their members will place vinyl floor coverings and other similar types. Specifications should include requirements to reach these requirements. I am not going into detail what all is required, but most important is that continuous inspection is done by Architect or Testing Lab. Plus testing mentioned be specified and scheduled for interior concrete slabs on grade requiring vinyl or other similar covering.

This information should be covered in Section 03100 Concrete Formwork with cross references to Sections 03200 Concrete Reinforcement, 03300 Cast-in-Place Concrete, and 09650 Resilient Flooring. An important item is that you make sure continuous inspection is accomplished. This is most important because when moisture tests are taken prior to a floor covering installation, they should pass so the project will not be held up. Also, never allow a sand fill over a vapor barrier even if a structural engineer called for it in their specifications. In my city at the new South Salem Senior Center is a good example of what can happen if a sand fill atop vapor barrier is installed. The floor slabs were poured in January with the sand fill and it rained. It took clear up to October of the same year before moisture content in all concrete slabs were suitable and vinyl floor covering could be installed. They occupied the building but had to use portions with bare concrete until it dried out to accept vinyl flooring.

Over the years I have specified over 100 vapor barriers under concrete slabs on grade and I have never had a failure. I believe it is mainly because I or someone suitable gave it continuous inspection after giving approval for installation. I have visited many Plan Centers over the years to look at current projects that specify a concrete slab on grade that requires vinyl or similar floor covering. Too many of them are inadequate. Many of them do not give proper information. Some still call for a 2 inch sand fill, some call for 6 mil, 8 mil, and 10 mil vapor retarder plastic sheet which are unsuitable and a waste of money. They don't specify how to support rebars atop vapor retarder. Also they don't specify what is suitable for screed pins, plus a few other odds and ends. An example is, if rebars are specified then the best support for rebars is concrete bricks. Why we keep getting improper specifications is beyond my understanding.

Several of us have joined forces and are updating our specifications to provide specifications that work without causing all the moisture problems that can be encountered. If you would like a copy of these specifications contact either Ken Searl at 503-362-3472 or Jerry Van Scoy at 503-760-5109 and we will send copies to you as soon as we complete our updating. Joke: An old New York City Proverb states, "A nickel will get you on the Subway but garlic will get you a seat."

PERKY'S NOTES

By Perky Kilbourn, CSI

Here is some information which was contained in the book I was reading at the last CSI Meeting. The book was entitled *Eurekas and euphorias - The Oxford book of scientific anecdotes* by Walter Gratzer - Oxford University Press - 2002. As the title implies it contains anecdotes about scientists and scientific events. Some I had heard about but others were new and very interesting. Here are a few that I thought were especially interesting.

33 - Dalton's daltonism

"John Dalton (1760-1844) was a Mancunian, who, in the closing years of the eighteenth century, gave rational expression to the atomic theory of matter. His conclusions were based on careful experimentation on combining weights of elements, from which he inferred that the atoms of any element were identical and that they combined in fixed proportions with those of other elements.

Dalton was a Quaker, who was supposed to have scandalized his soberly attired co-religionists by appearing in the streets of Manchester in his scarlet Doctor's gown. For Dalton was colour-blind and, indeed gave his name to the French expression for the condition - *le daltonisme*. . ."

112 - Hevesy's Subterfuge

"When, soon after Hitler's accession to power in 1933, the racial laws were promulgated James Franck (1882-1964) physicist and Nobel Laureate, resolved to leave Germany immediately, even though as a *Frontkämpfer* in the First World War, he was still at the stage exempt. Fearing that his gold Nobel Prize medal would be confiscated, he entrusted it to a friend, Niels Bohr, in Copenhagen. Max von Laue (1879-1960) the most upright and courageous of the German scientists who remained in Berlin and taught the forbidden science of relativity through the Nazi period (he told Einstein that he always assured students that the original papers had been written in Hebrew) had the same concern. Bohr debated about what he should do with the three gold medals -- Franck's, Lane's and his own - and conferred with a colleague, George von Hevesy (a Hungarian physicist, who pioneered the use of radioactive isotopes in biology and medicine). A desperate situation, they decided, demanded desperate measures. While the invasion forces marched in the streets of Copenhagen, Bohr was busy dissolving Laue's and also James Franck's medals.

And so the medals were consigned to aqua regia (the mixture of hydrochloric and nitric acids that dissolves gold by converting it into its nitrate). Confident that the war would in time be won and he would eventually return to his

beloved city and institute, Bohr left the jar containing the dissolved medals on a shelf in his laboratory. Shortly after, Bohr was whisked away to Sweden by fishing-boat (and then clandestinely by air to England). And, indeed, when he returned in 1945, there the jar still was, disregarded by the occupiers. Bohr had the gold recovered and the Nobel Foundation was pleased to recast it into two commemorative medals." (*I had heard this story before and was glad to have it confirmed and documented*).

"Scientists escaping from Germany at this time used many other ingenious subterfuge to safeguard some at least of their assets and to evade the law that forbade them from taking money or valuables out of the country. The chemist, Hermann Mark, for example used what money he had to buy platinum wire, which he fashioned into coat hangers, these passed undetected through the hostile customs inspection."

(*I had not heard this story about platinum coat hangers before but it does sound logical because platinum is used in the chemistry laboratory and it is valuable. I can remember using a platinum crucible as a college student for one experiment. The platinum crucible got signed out to me and signed back in when I finished the experiment and turned in my results - the class was either Quantitative or Qualitative Analysis - I can't remember which because I took them at the same time from the same professor and it was a long time ago.*)

The last quote is 148 - A man's world

*Cecilia Payne-Gaposchkin (1900-1979) was a distinguished astronomer, who would undoubtedly have achieved even more **had she not had to struggle against the prejudice of a hidebound profession.** . . .*

"In her memoirs Cecilia Payne advised aspiring scientists: Young people, especially young women, often ask me for advice. Here it is, *valeat quantum*. Do not undertake a scientific career in quest of fame or money. There are easier and better ways to reach them. Undertake it only if nothing else will satisfy you; for nothing else is probably what you will receive."

By Dave Shelman, CSI, CCS



“Green” Spec Writers Group Proposed

“Sustainability” has become the current catchword in the design and construction industries. But its trendiness should not minimize its importance or create the expectation that the attention it now receives will soon fade. This is because the environmental and economic conditions leading to its rise will only intensify, assuring its future relevance as well. The focus on sustainability is evidenced everywhere—in professional and trade journals, in seminars and emerging organizations like the US Green Building Council. Governmental jurisdictions (Portland Office of Sustainable Development, for example) are finding ways to promote “green” building and many architectural and construction firms are deliberately making sustainability a focus as well as a marketable expertise.

But beneath the headlines and broad visions are the practical matters of documentation for sustainable construction, as architects and builders come to grips with the pivotal role of specifications in communicating material selections and contractual requirements in the real world of bidding, buying and assembling the “sustainable” project. Architectural specifiers are key players in this process and the SSG is recognizing that fact. There is growing interest among the membership of the Specifier Share Group in forming a discussion group that would focus on the role of specifications in achieving sustainable design and construction. Subject matter that could be engaged by this group might include:

- Where to find “green” products
- Writing good “green” specifications
- How “sustainable” products measure up to other performance and quality standards
- Listing “LEED” products and ranking them by their LEED point values
- Comparing the various Division 1 LEED specification sections in use among Portland firms
- Reviewing Substitution Requests for specified “green” products or systems
- Tracking “green” products and systems as a part of Construction Administration
- Educating staff on the availability and application of “green” products

- Identifying sustainable resources for Owners, Contractors and Architects
- Working with product representatives to assess a products “sustainable” characteristics
- Educating manufacturers in the kind of data needed to demonstrate a product’s sustainable properties

Fred Herbold, SSG Co-chair, has proposed the formation of such a group within the Specifiers Share Group to deal with these issues. The purpose of this group would be to help create a more sustainable built environment by collecting, organizing and disseminating sustainable information and procedures relevant to construction specifications. Initially, the group might identify and tackle the most difficult issues for most firms.

If you are interested, contact Fred Herbold at fjherbold@comcast.com or 503 297 1382 or at the next Specifiers Share Group meeting.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Announcements are sent out to Share Group attendees approximately a week ahead of each meeting. If you do not currently receive the announcement and wish to, send an e-mail message to either Isaac Tevet (itevet@ffadesign.com) or Fred Herbold (herboldfld@aol.com).

cartoon

PRODUCT REPRESENTATIVE FORUM

By: Randy Tessman, CSI, CDT



There is an urban legend that when NASA finally deemed it safe for actual humans to go into space they discovered that ball point pens would not write properly in the vacuum of space. This led to a multi-million dollar program to

develop a special pressurized “astronaut’s pen” for use in writing reports and diary entries. Some of you may actually remember the result being the Fisher Space Pen that was available commercially a few years back.

The Russians were faced with the same dilemma.

They used a pencil.

This legend, although false, points to a guiding principle that I use when dealing with technological advances. It’s called KISS (Keep It Simple Smarty-pants). Basically the idea deems that if a technical object (printer, PDA, fax machine, or cellular phone) has an instructional manual that cannot be read during the period of time that I am eating lunch, it is not the proper tool for an active salesperson.

My company, and I’m certain many of yours, go to great pains to make sure that you understand the computer programs and technological tools that they want you to use. Courses are offered in the use of Microsoft Office, ACT!, and other software available to assist in sales reporting and analysis. There are even courses to teach you the basic pen strokes of a PDA. At the rate we are going, we should stop wasting the student’s time by teaching cursive writing in elementary school and go straight to PDA writing.

Now I’m not averse to using new technology. The computer, cell phone and PDA are tools that I use on a regular basis. I recently attended a online conference with other company employees throughout the United States. I use a digital camera and edit the photographs in Photoshop. I utilize the internet on a regular basis to get information.

It seems that the more technologically adept we’ve become at using the tools at our disposal, the less we are capable of fixing them when they break. I used to think that the insurance offered by cell phone companies and electronics

stores was just a way to get more of my wallet, but now I’m not quite so sure. When I was a kid, my dad could fix the radio with a soldering iron or a quick whack on the cabinet. Today fixing a PDA or printer requires an engineering degree and post graduate study.

It’s just when the tools fail, you spend more time and money getting them fixed than you can afford on a busy schedule

Over the past six months, my cell phone’s display quit working and refuses to ring, my fax machine failed, my PDA has duplicated every contact in my database, the computer in my vehicle indicates that the motor shouldn’t start because the wrong key is being inserted, my email is being taken over by people concerned with my weight and manhood, I have had to delete virus infected emails from someone else’s address book, and now even Microsoft Word is telling me this sentence is too long! As Peter Finch’s character in the movie “Network” shouted, “I’m as mad as hell and I’m not going to take this anymore!”

I’m going to start using a written address book, daily schedule, and- heaven forbid- a pencil. Written notes will line my pockets at night. Telephone booths will become my greatest quest. I’m going to buy an older Ford without theft detection sensors. I’d ride a horse (more environmentally friendly) if I could carry my color tools and product manuals on it. Instead of a fax machine, I’m thinking about smoke signals. I’m going to use the Post Office on a more regular basis.

Of course, in our immediate need to know world, I know most architects will call a competitor if I am not available in a timely fashion. So I guess its time to expense out some new technical marvels. How about that new cell phone with color digital camera and internet connectivity included? A new fax machine with 15 ppm laser printer, scanner, and 2.4 GHz handset so that the phone cord doesn’t get tangled up? How about a new automobile with GPS control, OnStar Information Service, and MX Radio?

The instruction manuals may be a little longer, but, what the heck, I’ve read War and Peace.

RENEWING CSI MEMBERS NOVEMBER 2003

MIT OPEN SOURCE BUILDING ALLIANCE

Blitzer, Diane C., RA, CSI, CCS
Carpenter, Denise P., CSI
Chaffin, David C., CSI, CDT
Coady, Bill, CSI, CCPR
Coffey, Tom, CSI
Hjelte, Amy K., CSI, CDT
Hochhalter, Gail L., CSI, CDT
Holloway, Bob C., III, CSI
Jensen, Ken, CSI-I
Jenson, Lowell A., CSI
Khalifeh, Bassam, CSI
Lane, Carol, CSI,
Long, Donald, CSI, CCPR
Mazza, Tony, CSI
Robertson, John W., CSI
Simmons, Robert Wayne, CSI
Sullivan, James M., CSI
Velikanje, Gary P., CSI, CDT
Vengarick, Tony G., CSI

DESIGN OF SLABS THAT RECEIVE MOISTURE SENSITIVE FLOOR COVERINGS

The Oregon Chapter of the American Concrete Institute (OACI) will present a two-hour technical seminar on the design and specification of concrete slabs that will receive moisture sensitive floor coverings. The speaker will be **Bruce A. Suprenant, PhD, PE, FACI**, executive vice-president of Structural Services Inc. Mr. Suprenant is a recognized national expert in concrete construction and materials. The presentation will be held at the Tigard City Hall Auditorium on **February 26th** from 10:00 am until noon. This seminar will present the benefits and liabilities of decisions specifiers make regarding vapor retarders, concrete materials, surface properties and protection of the floor surface. A question and answer session will follow Bruce's presentation.

This is another in a series of technical talks presented by OACI targeting design professionals and contractors who design, specifying or place concrete materials. Cost to attend the seminar is \$25 per person. To register, please contact Jane Phifer at the OACI office, by phone at 503.399.7312 or by email at oaci@comcast.net.

JANUARY MEETING RECAP

By: Perky Kilbourn, CSI

In January, 2004, I was mentally challenged at the joint meeting of Portland Chapter of CSI and American Society of Professional Estimators. The speaker was John W. Mitchell and his topic was "Construction Forecast - A Tale of Two Industries". I enjoyed him when had heard him speak before and he did not disappoint me this time.

Mitchell provided each member of the audience with copies of his slides. Mitchell went through the slides rapidly but with enough detail so you could follow his conclusions. Speaking of conclusions, they were similar to what Bill Lunch said at the OSU Alumni Association Luncheon on Thursday, January 29, 2004. The very over-simplified conclusion that both men arrived at is that Oregon's economy has been slowing down but business seems to now be picking up.

Reproducing Mitchell's Slide "Trends in 2003-construction put in Place - Census Bureau"

- Housing up 9.8% to November
- Health Care Facilities up 7.9% to November
- Office down 11.5%
- Communication down 14.9%
- Manufacturing down 17.7%
- Education up 1.3%
- Sewage and Waste Disposal up 5.4%
- Highway and Street up 2.3%

Mitchell's data indicated that Federal spending was increased due to war efforts and my question: "Is War really what we need to increase Federal spending?"

Business Sector Productivity is increasing and inflation plus interest rates seem to have leveled off. The things to worry about are additional attacks, sustaining job growth, results of election year, easing transitions as well as long term fiscal policies.

What is going to happen when the "baby boomers" retire? Mitchell concluded with a slide listing Regional Issues namely: Oregon Fiscal Policy, Water Supply - Hydropower, Fish and Agriculture, California Fallout. Trade Policy BSE, Softwood Lumber, and General.

Oregon may have bottomed out and we may be headed for the "**Best Year of the Century**".

JANUARY MEETING PHOTOS



DO YOU KNOW WHAT'S IN YOUR DROP BOX? IT COULD SAVE YOU MONEY

By: Jeff Davidson, METRO

Recycling, salvage, deconstruction and other waste-reduction techniques employed on construction projects can be more focused when contractors and their employees understand which materials hold more prominence in the waste reduction arena. Reuse and recycling of most debris types is an important objective, but the fact of the matter is, some types of products and materials are better suited to recycle or salvage. Some materials are more prevalent in the region's waste stream and as a result, they have been targeted for special consideration in area recycling and waste reduction efforts. To get the maximum return on your job site recycling efforts, it helps to be able to assess which potential waste materials are coming from each job.

A good starting point for recognizing where to focus your recycling and salvage efforts is to understand what's coming off a typical job site as potential waste. The Oregon Department of Environmental Quality (DEQ) has spent a good deal of time pawing through construction site drop boxes and waste loads coming from construction projects. In their industry waste composition study, they identified the following materials in order of their percentage of overall waste (these percentages are based on weight). The typical composition of construction waste breaks down as follows:

- Wood – 29%
- Miscellaneous – 17%
- Drywall – 15%
- Roofing Materials – 11%
- Metals – 7%
- Cardboard/Paper – 7%
- Rubble – 5%
- Plastic – 5%
- Insulation – 2%
- Yard & Land-Clearing Debris – 1%
- Carpet – 1%

[This breakdown is the average for all types of construction. There will be specific differences between commercial, residential, remodeling and new construction jobs.]

Because different types of construction jobs create different quantities of these materials, targeting materials in their descending order of overall composition isn't always feasible. For example, while drywall makes up the third largest component (by weight) of construction-related

waste, there are few locations that accept this material for recycling. And while there have been recent advancements in providing convenient recycling facilities for recycling composition roofing materials (the fourth largest component by weight), it is still one of the most expensive to effectively recycle from a job site.

Focusing Efforts

A better way to focus recycling and salvage efforts may be to target materials with the greatest potential for recycling or other waste reduction techniques. A good model for this may be one designed by the City of Portland as part of their mandatory construction site recycling ordinance. Any permitted construction project in the City of Portland with a value greater than \$50,000 must have a recycling plan in place and in practice. The City has further identified five major materials to target in construction site recycling efforts. They are:

- Wood
- Corrugated cardboard
- Metals
- Land clearing debris
- Rubble

If you don't already know what debris types you will have on any particular job, talk to your job site personnel to get their help identifying what materials come from your jobs.

There are a number of innovative and easy-to-use techniques a contractor can use to target these materials for recycling or salvage. Some jobs may be large enough to employ the use of source-separated recycling wherein designated containers are set up for specific types of materials. Smaller jobs may better be suited for using a Material Recovery Facility (MRF) wherein all materials (except lunch and food waste) can be loaded into a single container for separation at the MRF.

For more ideas on how you can focus your recycling efforts and improve your waste reduction techniques, visit Metro's online Construction Recycling Toolkit at www.metro-region.org or call Metro at (503) 234-3000. Metro staff is available to assist you with a job site assessment to maximize your construction recycling, salvage and other waste reduction efforts.

THE JANUARY 2003 BOARD MINUTES

Special Meeting January 20, 2004; (due to cancellation of regular meeting)

CALL TO ORDER: The meeting was called to order at 5:02 by President Cherie McNabb at the Princeton Building prior to the chapter dinner program.

PRESENT: Cherie McNabb, Michael Wilson, Ray Totten, Dennett Latham, Scott Dicker, Denise Carpenter, Doug Allen, Jane Phifer

ABSENT: Jim Wilson, Joe Bolkovatz, Carolyn Miller, Bob Schroeder

GUESTS: Rick Heiserman, Lee Kilbourn, Jody Moore, Ellen Onstad, Carol Lidberg

1. COMMITTEE REPORT

Products Fair: We will be using last year's logos for 2004. The committee will look at a redesign for next year. We have confirmation for our keynote speaker. 18 booths sold to date plus 7 reservations, and 3 minnie seminars. The committee will be sending a pamphlet to past registrants. Next planning meeting is set for noon, January 26, 2004 at SRG's office.

Program: February's meeting will be focused on the Online architectural and engineering programs that are emerging. We will have a panel of 5-6 people from different facets of the construction industry speaking about the effects and uses of the internet plans programs. Additionally, we will be looking at legal issues, and what to expect in the future. The March meeting will feature a speaker from MIT presenting on sustainability. Looking for assistance with programs, next meeting is at the Cadillac Café.

Certification: CDT exam will be held at PSU, March 27, 2004. Training classes start on January 29th at LSW's auditorium. First class will be taught by Jody. The class is filling up fast.

Elections: Discussed long term plan for replacement president elect on the professional side. Cherie is considering a second term. Next month we must form a nominating committee for new board members.

Newsletter: This is the first month we have issued the cover letter by itself to non-members. It went well.

2. FINANCIAL REPORT

Our program for December broke even. Motion was made and seconded to approve the December financial report.

3. BOD MINUTES

A motion was made and approved to accept the December minutes with the discussed revisions.

4. NEW BUSINESS

Anyone interested in serving on one of the national committee's contact Jeff or Rick by February 15, 2004. It is a great experience and good exposure to the possibilities of becoming a Regional Director.

We received a nice thank you card from Denis Obert and his family for our help with the fund raiser.

5. NEXT MEETING

Next board meeting is for February 3, 2004, noon at the AIA office.

Adjourned at 5:41PM

Respectfully Submitted,
Doug Allen
Secretary

THE CONTACTS

PORTLAND OFFICERS & DIRECTORS

President

Cherie McNabb, CSI, CDT.....360-600-8444

President Elect

Scott Dicker, CSI, CDT.....503-572-9835

Immediate Past President

Jim Wilson, CSI, CCS, AIA.....503-222-1917

Secretary

Doug Allen, CSI.....360-263-0049

Treasurer

Dennett Latham, CSI, CCS, AIA.....503-423-3998

Executive Director

Jane Phifer, CSI...503-805-2500 or 503- 399-7312
CSI Office - P.O. Box 5116, Salem, OR 97304

Director, Professional 2002-2004

Michael Wilson, CSI, CDT.....503-226-6950

Director, Professional 2002-2004

Bob Schroeder, PE, CSI.....503-227-5280

Director, Professional 2003-2005

Ray Totten, CSI, CCS, AIA503-635-4425

Director, Industry 2002-2004

Carolyn Miller, CSI, CDT.....503-260-7744

Directory, Industry 2002-2004

Joe Bolkovatz, CSI.....503-978-0800

Director, Industry 2003-2005

Denise Carpenter, CSI..... 503-720-3005

COMMITTEE LEADERS

Archives/Historian

Margie Largent, CSI.....503-620-6573

Awards

Denise Carpenter, CSI..... 503-720-3005

By-Laws

Ken Searl, FCSI, CCS.....503-362-3472

Certification

Scott Dicker, CSI, CDT.....503-572-9835

Editor

Jane Phifer, CSI.....503-805-2500

Education

Jim Wilson, CSI, CCS, AIA.....503-222-1917

Continuing Education

Skip Brown, CSI, CCS.....503-222-1917

Golf Tournament - Co-Chairs

John Armstrong, CSI.....503-579-2477

Erica Bitterman, CSI..... 503-274-2030

Library

Perky Kilbourn, CSI.....503-244-1778

Membership - Co-Chairs

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Pat Murphy, CSI.....503-285-4557

Nominations

Jody Moore, CSI, CDT.....503-284-6799

Operations Guide

Ken Searl, FCSI, CCS.....503-362-3472

Orientation

Michael Muhle, CSI, CDT.....503-284-6799

Planning

Curt Austin, CSI, CCPR.....503-238-1253

Product Rep Share Group

Randy Tessman, CSI.....503-318-8046

Products & Services Fair - Co-Chairs

Cornelia Gibson, CSI, CDT.....503-624-7444

Ellen Onstad, CSI, CDT.....503-225-0361

Programs - Co-Chairs

Jody Moore, CSI, CDT.....503-284-6799

Scott Dicker, CSI, CDT.....503-572-9835

Publicity

Jane Phifer, CSI.....503-805-2500

Specifiers Share Group & Technical

Fred Herbold, CSI, CCS.....503-297-1382

Isaac Tevet, CSI, AIA.....503-222-1661

Student Affairs - Co-Chairs

Randy Tessman, CSI.....503-318-8046

Igo Jurgens, CSI, AIA.....503-223-0992

Student Affiliate

Rudy Barton.....503-725-3339

Webmaster

Rick Heiserman, CSI, CDT, AIA.....503-892-1321

REGION COMMITTEES

Academic Affairs

Loren Berry, CSI.....206-223-5052

Archives

Bob Hesselstine, CSI, CCS.....503-765-0374

Awards - Co-Chairs

Leo Emerson, CSI, CDT.....206-870-1976

Certification

Brian Keil, CSI, CCPR206-763-0300

Education

Perry White, CSI, CDT.....888-284-6799x25

Membership

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Newsletter/Website Editor

Robert D. Kenworthy, CSI, CCS...253-931-4826

Region Conference Direction Committee

Art Nordling, FCSI, CCS.....509-838-8681

Region Operating Guide

Ken Searl, FCSI, CCS.....503-362-3472

Region Trustee

Larry Barger, CSI, CCS.....360-943-4650

Strategic Planning Task Team

Colin Maynard, PE, CSI.....907-274-2236

Technical

Tom R. Deines, CSI, CCCA.....541-485-1700

Webmaster

Rand New, CSI, CDT.....541-688-5594

Portland Website
www.portlandcsi.org

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)
Dan Graham, CSI, CDT.....907-261-9203

Puget Sound, Seattle, WA (Second Tuesday)
Andrew Estep, CSI.....206-382-3393

Mt. Rainier, Tacoma, WA (First Thursday)
Jerry Litwin, CSI, CCCA.....253-584-5207

Spokane, WA (Second Thursday)
Mark Elliott, CSI, CDT.....509-624-4281

Portland, OR (Second Tuesday)
Jane Phifer, CSI.....503-805-2500

Capital, Salem, OR (Third Thursday)
LaVone Clausen, CSI.....503-371-2070

Willamette Valley, Eugene, OR (Last Thursday)
Rodd Hansen.....541-687-9600

Idaho, Boise, ID (First Tuesday)
Jon Farren, PE, CSI, CDT.....208-429-1307

INSTITUTE DIRECTORS

2001-2004

Jeff Callahan, CSI, CCCA

Ph: 907-786-6425 Fax: 907-786-6444

Email: afjcl@uaa.alaska.edu

University of Alaska Anchorage

PO Box 104882

Anchorage, AK 99510

2003-2006

Rick Heiserman, CSI, CCCA, AIA

Ph: 503-245-7100 Fax: 503-245-7710

Email: rickh@amaa.com

Ankrom Moisan Associated Architects

6720 SW Macadam Avenue, Suite 100

Portland, OR 97219

Region Website
www.csinwr.org

March 2004

Sun Mon Tue Wed Thu Fri Sat

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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- 3/2 CSI Board Meeting, AIA Office
- 3/9 **CSI Chapter Meeting, Princeton Ballroom**
The Future of Sustained Development
- 3/9 CSI Membership Committee, Billy Reed's Restaurant
- 3/11 CSI Specifiers Share Group Meeting
- 3/25 CSI Specifiers Share Group Meeting
- 3/25 CSI Program Committee, Cadillac Cafe

April 2004

Sun Mon Tue Wed Thu Fri Sat

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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

- 4/6 CSI Board Meeting, AIA Office
- 4/8 CSI Specifiers Share Group Meeting
- 4/13 **CSI Chapter Meeting, Princeton Ballroom**
- 4/12 CSI Membership Committee, Billy Reed's Restaurant
- 4/22 CSI Specifiers Share Group Meeting



Portland Chapter CSI
PO Box 5116
Salem, OR 97304



Knowledge for Creating
and Sustaining
the Built Environment

The Predicator

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Portland, Oregon Chapter — The Construction Specifications Institute

C.S.I. Portland Chapter
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: jane@portlandcsi.org
Web site: www.csinet.org

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Risk Management – Larger Than Mold

Tuesday, April 13, 2004

How can something so small continue to be such a big problem? We've lived with tiny mold spores for thousands, maybe even millions, of years. They're everywhere and we can't control them, so we prevent them from becoming a problem in buildings by controlling moisture. Still, there are larger issues.

A few high-profile legal settlements have exposed mold problems in construction to be a potentially virulent problem for everyone in the building and design community. Health claims, and lawsuits charging defective construction, pose significant risk. How a project team manages this risk is critical to success in building construction.

The April 13th meeting of the Portland Chapter CSI will explore this issue with a panel of professionals who devise ways to dampen the chance for mold and moisture to get under your skin.

General Contractor

Brian Clarke CSP, Hoffman Construction Company, has created and implemented water intrusion prevention programs for the construction phase, and educates subcontractors and other team members on best moisture control practices.

Insurance Broker

Shon DeVries CPCU, Vice President, Marsh USA, Inc., dives into the aspect of coverage availability -- and at what cost. He brings information that contractors, architects and engineers need to know about underwriting criteria for projects.

Building Envelope Consultant

Dave Ricketts P.Eng., RDH Group, is recognized as one of the leaders in the building science field in North America. He combines a thorough understanding of building envelope theory and materials behavior with practical knowledge of construction practices and sequencing.

Our panel will address these issues *and* the questions you bring:

- Components of a good moisture prevention program, and whose guidelines govern?
- Owner responsibilities during the warranty period and beyond – are they in the contract?
- How coverage, availability, and cost of insurance have changed with underwriting.
- Cost vs. risk -- when to buy back the blanket exclusion for mold.
- Top design strategies to minimize risk.
- How risk management principles helped on other projects.

Join us on April 13th, if you're itching to dive into the mold problem. You'll get a refreshing whiff of Best Practices recommended to keep you out of trouble.

Tuesday, April 13, 2004

The Princeton Ballroom – 614 SW 11th – Portland, OR

Dinner and Program: \$30 per person, pre-registered by April 8

Or buy a table of eight for only \$230.00

Late Registrations and Walk-ins \$40, if space available

5:30 Meet your Colleagues / 6:30 Dinner catered by Jake's

7:30 to 9:00 Program

Please see enclosed Event Registration Form for easy registration.

PRESIDENT'S MESSAGE

By Cherie McNabb, CSI, CDT



~ What is Natural? ~ ~ Environmental Impact ~

Concern for the environment today has brought renewed interest in using “natural” products. There appears to be an almost automatic approval of anything described as “natural” with the *assumption* that “natural” means healthy and good for people and the environment.

This, of course, is an over simplification and at times a misguided view. There are many so called “natural” materials that are either undesirable or unhealthy for people, or that when used inappropriately can have significant negative environmental impact. It is necessary to consider the complete life cycle of a product or material and all of its effects and impacts on the environment before automatically accepting it as “good” for the environment and rejecting a product made from synthetic materials. There are many aspects of a material or a product that need to be considered before deciding on its so called environmental “friendliness”. Those include indoor air quality, biodegradability, energy consumption, and the depiction of natural resources and fossil fuel reserves.

There has been considerable discussion on the depletion of natural resources in the world with some of these resources receiving more attention than others. Some inert minerals like limestone (which is used in many vinyl flooring products as well as linoleum) and clay do not appear to raise a great deal of concern or controversy. However, when natural resources like gas, oil, and coal which provide energy are discussed there can be a great deal of controversy and concern over how fast these resources are being depleted.

There have been independent studies conducted which estimate the amount of energy and natural resources used to produce various products. Although some specifiers tend to quickly equate products made with so-called renewable or sustainable resources like trees, bark from cork trees, and other types of vegetation as being environmentally sustainable – they have not gone to the next step of comparing the amount of natural resources used for the production of energy necessary to make these same products.

On July 28, 1992, the Federal Trade Commission issued guidelines to help reduce consumer confusion and prevent the false or misleading use of environmental claims. FTC guidelines specify that any time marketers make objective

environmental claims – whether explicit or implied – they must be substantiated by competent and reliable evidence.

In the case of the term “biodegradable” the FTC states “unqualified degradability claims should be substantiated by evidence that the product will completely break down and return to nature, that is decompose in the elements found in nature within a reasonably short period of time after consumers dispose of it in the customary way.” The FTC further states that “such claim should be qualified to the extent necessary to avoid consumer deception about: (a) the product or package’s ability to degrade in the environment where it is customarily disposed; and (b) the extended rate of degradation”.

Because of the interest by specifiers in biodegradable products, there have been numerous articles written on this subject including the following excerpt from an article entitled *Biodegradable? NOT!!!* By Charlene M. Proctor which appeared in the IBD/N.Y. Seed Newsletter published by the Council on the Environment – The Institute of Business Designers, New York Chapter several years ago. “Biodegradability is a concept which is often misunderstood, especially in the context of landfill studies which are so relevant to the design and building industries. Misconceptions about the interior life of a landfill are numerous. There is a popular notion that in its depths the typical municipal landfill is a chamber of turbid fermentation and of intense chemical and biological activity. Landfills are perceived as an environment where all organic matter is breaking down – biodegrading – into some sort of moist, rich compost. Unfortunately, this popular view of biodegradation is nothing more than a naïve romantic notion of the cycle of life. Actually some biodegradation does take place; otherwise landfills would not produce the wide variety of gasses and large quantities of methane. But, for the most part, biologically and chemically a landfill is a static structure. Some biodegradation temporarily occurs for certain organics, others of breaking them down. The result? Rather than mulch, we get mummified material.

Biodegradation is an effortless activity to create in the lab. The problem is that lab conditions aren’t comparable to actual landfill conditions. Biodegradation works under composting conditions, when debris is chopped, regularly turned, kept wet, and exposed to the oxygen that aerobic microorganism, which biodegrade organic materials, require.”

THINK ABOUT IT!

BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



Refer to The Construction Specifier Publication dated February 2004 on page 30 there is an article by David Wyatt CSI CCS CCA entitled, “Coordinated Specifications, a key to improving Practice” It is a very interesting article and his advice is most excellent.

As some you folks may already know now and again I do some nit picking. In David’s article on paragraph 1.2.3.2 second paragraph he states in part as follows: “The A/E is responsible for producing documents complying with standards of skill and care. By establishing and following standard office procedures for document coordination he takes an important step forward achieving this goal. I note David uses the word “he” for A/E. I am sure we all know many female architects. In place of word “he” place A/E.

David’s Article in general is excellent and he states “Keeping yourself to the script” avoids problematic phrases, such as “by others and as required”. In David’s opinion, mine, and others neither one of these phrases should appear in specifications. I also asked David if he had something else he would like to see in my BS Column. He answered yes, and sent me the following. “Briefly Noted” Project Manual.

The project manual is more than just specifications: It is a handbook for project. When it is properly prepared, it

- summarizes the project in simple terms
- provides instructions, requirements, & forms for bidding or negotiating construction prices
- identifies contracting requirements
- identifies sources of information about the site if needed
- specifies the product requirements for the site
- complements the drawings and other contract documents
- enables participants to exercise their rights and responsibilities under terms of their of their project-related agreements
- becomes a reference guide for facility management

Several project participants rely on project manual

* Architect relies on project manual as an instrument of professional service of professional service. Accuracy and completeness reduce administrative burdens and exposure to professional liability claims.

* Contractor relies on project manual to estimate, bid and negotiate contracts, as well as enforce subcontractors agreements.

* Owner relies on project manual to secure faithful performance from contractor, to ensure project quality, avoid under risk exposure. and control project cost.

* Owner’s facility managers and occupants rely on project manual for information about facility’s construction so that it can be properly maintained.

Project manual is the verbal hemisphere of project. It should be prepared by a trained and experienced design professional under the supervision of a licensed architect or engineer.

CARTOON

WHAT DO YOU SAY? .. News and views from the Specifiers Share Group

By Dave Shelman, CSI, CCS



The Specwriter's Bookshelf

Finally, for the hundreds of requests that have come in from subscribers dying to know what classics the specwriter scatters around him or her to give the impression they know what they're doing help get the daily job done! Actually, when I put on the specwriter's hat a few years ago I can remember considering this very question. And it occurred to me that I really have not ever looked at another

specwriter's physical workspace or bookshelf in any detail. The closest I came was to Mike Madias's and the only thing I remember seeing there besides the last 20 years of The Predicator was The Specwriter as a Young Mann (by our own SSG emeritus, Jim M. of course). Now I know Mike is a smart guy, but even he couldn't have all that spec stuff in his head. So I have done a quick little survey among the SSG crowd and this article is the very unscientific result of what I learned, with a few of my own notions thrown in for free.

The following list assumes the specwriter is using a proprietary specification source like SPECTEXT, MASTERSPEC, SpecLink or archival files from an office's past projects, some form of an office master specification or a combination of the above as the primary tool of their "trade."

Foundations:

The following items are basic, providing a fundamental understanding of the design-bid-construct continuum and how the contract documents are developed and linked to achieve a built project.

1. CSI Manual of Practice (MOP) (1996). CSI is currently updating the MOP and a new single-volume version will be published sometime in 2005.
2. Construction Specification Writing, 4th Edition (1999) Harold Rosen (Available through John Wiley & Sons).
3. AIA Handbook of Professional Practice.

Daily Essentials:

With the above as a "starter library" here are additional references that aid the specwriter in locating and describing the information that goes into a specification:

1. MasterFormat. This is a component of the MOP and is the most commonly used reference for properly locating information in a Project Manual. (Since I use MasterSpec, I keep their Table of Contents, with Section scope descriptions, handy and continually refer to it when making decisions about where to specify something.)
2. Professional liability guidelines. These are put out by A/E firm insurers or law firms.
3. Sample copies of the most common AIA Documents (A201 General Conditions of Construction, B141 Owner-Architect Agreement, A101 Owner-Contractor Agreement, etc.) These exist in the AIA Handbook as well.

4. A good English dictionary.
5. Roget's Thesaurus.
6. A dictionary of construction terms. Illustrated Construction Dictionary, R.S. Means is one example of many available.
7. The Blue Book: Building and Construction and other compilations of construction industry contractors, fabricators and suppliers.
8. Quick reference product catalogues like Sweet's Desktop, First Source, Arcat and the like. Printed product literature is rapidly being co-opted by web sources which can be continually updated.
9. Copies of good past Project Manuals.
10. NW Region CSI Membership Directory for calling someone when you want to yell "help!"

Related Valuable Resources:

Many specwriters also fill the role of office technical support or quality manager and therefore see to it that the office has good resources available for staff use. These resources get used by everyone and by the specwriter, so it is desirable to have them on a shelf that is convenient to all.

1. Construction Materials by Caleb Hornbostel or Architectural Materials for Construction by Harold Rosen and Tom Heineman.
2. Graphic Standards, Ramsey and Sleeper. Several years ago I acquired a mint condition 3rd Edition, which has been a great resource on renovation projects.
3. Graphic Standards – Finishes. This is one of several "spin-off" publications of the GS, but is more than a mere reprinting. The in-depth discussion of ASTMs and material properties is very helpful to the specwriter.
4. ASTM's in the Building Codes. Good resource when quality issues come up in construction.
5. Building Codes in the jurisdictions your office works in. Code interpretation handbooks are very helpful.
6. UL Fire-Resistance Directory.
7. The most common National Fire Prevention Association (NFPA) Standards (101, 80, 13)
8. Standards of various trades. A few examples:
 - ACI Specifications for Structural Concrete for Buildings.
 - Brick Institute and National Concrete Masonry Technical Notes.
 - Architectural Woodwork Institute (AWI) Architectural Woodwork Quality Standards.
 - Woodwork Institute of California Manual of Millwork.
 - Tile Council of America Handbook for Ceramic Tile Installation.
 - SMACNA Architectural Sheet Metal Manual.
 - Steel Door Institute and Door Hardware Institute Handbooks
 - Precast Concrete Institute Design Manual.
 - Master Painters Institute Architectural Painting Specification Manual, including Approved Product List
 - LEED Reference Manual.
 - Gypsum Association Fire Resistance Design Manual
 - American Institute of Steel Construction Manual.

WHAT DO YOU SAY (Continued)

- American Institute of Timber Construction Manual
 - National Roofing Contractors Association (NRCA) Manual.
 - Window and Door Manufacturers Association Manual.
9. Product catalogue library. Fast becoming replaced by the internet.

Web sources:

As noted above, technology is (very slowly) taking (dragging?) us out of the paper world and into electronic search and retrieval of information. General web search machines (the favorite seems to be Google, but I like Metacrawler) are listed below plus the industry focused site as well:

1. google.com
2. yahoo.com
3. metacrawler.com
4. specs.com
5. firstsourceexchange.com
6. bricsnet.com
7. sweets.com
8. buildinggreen.com
9. certifiedwood.com
10. greenspec.com

Odds and ends:

Here are some of the miscellaneous responses that I have difficulty categorizing unless they might all sit under the umbrella of "What to do when you can't write another spec paragraph":

1. Box of Kleenex.
2. A stuffed bear.
3. Colored pencils-or crayons?
4. Business card file for all those Product Reps.
5. Bottle of aspirin.
6. Thriving on Chaos by Tom Peters.
7. Winning Office Politics by Andrew Dubrin.
8. Town Planning in Practice by Raymond Unwin.
9. Chocolates.
10. Altoids.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays at Noon.. Announcements are sent out to Share Group attendees approximately a week ahead of each meeting. If you do not currently receive the announcement and wish to, send an e-mail message to either Isaac Tevet (itevet@ffadesign.com) or Fred Herbold fjherbold@comcast.net).

PERKY'S NOTES

By: Perky Kilbourn, CSI

First - A dear friend of ours, and many others in CSI, is in hospice care with a brain tumor. Larry Brown is a great friend and did a lot for CSI. I will get others to write about his CSI work and I will write about his friendship. Larry always had a big smile and hug for me. He would ask about our children and what we were doing before I got a chance to ask him about Lona and their son. Larry was active in their church and I understand from Lona many from their church are visiting Larry in hospice care. If you would like to visit Larry please call him at 503-848-7777 to make arrangements for a visit.

*Lee has a directory update for Larry, cards and correspondence should be sent to 10732 SW Oriole Circle, Beaverton, OR 97007, phone 503-524-5195.

Second - On Friday the thirteenth, Lee took me to the Annual Meeting of the American Association for the Advancement of Science (AAAS). This activity made me happy because I attended a couple of good sessions and my reports were well received by the organization which I represented (Graduate Women in Science) In addition I got to be the Fellow and Lee was the accompanying person at a breakfast for Fellows.

Third - Recently, at a Portland Chapter CSI meeting, I was asked to define "nanotechnology." There were several presentations on nanotechnology at the AAAS meetings. I didn't attend any of the session on nanotechnology but the descriptions of the sessions did confirm that my definition of "nanotechnology" is correct. "Nanotechnology" is the technology having to do with manipulation of atoms and molecules. For goodness sake don't be afraid of it! Apparently, Prince Charles fears a "grey goo" nightmare - please see www.guardian.co.uk/uk_news/story/0,3604,9454598,00.html for the full story. There is also an educational outreach program <http://nanokids.rice.edu>.

PRODUCT REPRESENTATIVE FORUM

By: Randy Tessman, CSI, CDT



It never ceases to amaze me how inconsiderate some architects can be.

For the most part I have found the architects and specification writers I speak to and meet on a regular basis to be friendly and

polite when I have a new product to present. The architects that belong to CSI have usually been the most gracious with allowing the time. Occasionally, however, you encounter one that leaves you scratching your head and asking yourself why should I bother?

You make an appointment to meet with the architect and travel three hundred miles to introduce yourself and your product to him or her. You make a follow up call to the architect the evening before or the morning of the appointment as a reminder.

When you arrive at the architect's office, a cheerful receptionist informs you that the architect has left the building but would like you to leave your color tools. "Oh, and, by the way, he was wondering if you could leave an extra set of colors for his wife- she's a designer."

"What about a specification book of our products?" I ask hopefully. The receptionist looks somewhat puzzled. "So the architect has a reference to use in choosing which our products to use with the colors?" I offer as explanation.

"Oh certainly," she says with a quick smile and returns to her computer screen. I deliver the necessary materials and leave my card with the receptionist. As I walk out of the office, I realize this architect needs a follow up call. I also wonder if the architect was just being rude, had an emergency meeting, or just wanted to avoid the meeting.

It is possible that the architect was called out by another meeting an emergency at home, the jobsite, or a conflict that occurred with scheduling. I really can accept that and consider it the most likely reason for the appointment not being met.

I also rule out rudeness. Although I have met some rough characters along the way the percentage is really so small that I don't give it much thought.

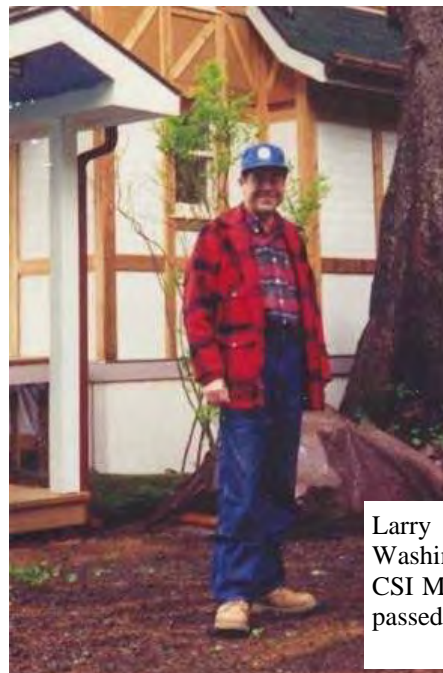
But there is another nagging thought that is a likely possibility- the architect was avoiding a meeting with a salesman. I have been to automobile dealerships where you

get the sensation you are swimming with sharks ready to attack. I have been to CSI meetings where an aggressive salesman monopolizes the time of an architect in promoting their product. I have seen the smarmy side of sales, and, in my career, have worked alongside some fairly questionable types.

Perhaps I myself have seemed a little too "pushy" when I have only five minutes to describe the hundreds of products that my company manufactures. I am always aware of it and kick myself when it happens. Those company representatives who drop by unannounced, pay no attention to the time the architect has, or who shamelessly downgrade a competitor's product make me cringe.

My first priority is to be a resource to architects, designers and engineers. I do not sell directly to anyone but can set up conduits for those who are inclined to buy our products. I have a strong dealer base to support the sales part of the organization. I am more than encouraged to achieve results, but the fruits of these efforts may be months or years in the future. I promote the benefits of my product not the weaknesses of others.

Early on I considered that the architect was inconsiderate and that may well have been the case. I consider it more likely, however, that the architect is just reacting to the rudeness of others who have been through his door promoting products. It never ceases to amaze me how inconsiderate some company representatives can be. I just consider it a challenge to not be considered one of them.



Larry Arnold, Bay City Washington. Longtime CSI Member who recently passed away.

RENEWING CSI MEMBERS DECEMBER 2003

Ajamian, Michele, CSI
Bechtel, Robert, CSI
Beeson, Mike L., CSI, CDT
Bronder, Julie A., CSI, AIA
Chorzempa, Janelle, CSI
Coggins, A.M., CSI
Cook, Lee E., CSI
Ettlin, Hans O., CSI
Friedman, Ron J., CSI, CDT
Holtschult, Dar, CSI
Hranac, Gregory A., CSI, CCS
Isaacs, Douglas G., CSI
Kirsch, Jeff, CSI
Kisling, Paul, R, CSI, NCARB
Lamb, John, CSI
Leandro, Angelo S., CSI
McBride, Steven L., CSI
Moore, Michael A., CSI
Page, Chuck, CSI, CDT
Parks, Jerry, CSI
Pfaff, Donald, PE, CSI
Seeley, Gregory Allan, CSI
Shearer, Jeff, CSI
Smith, Ken, CSI, CDT, AHC
Tevet, Isaac, CSI, AIA
Veit, Christopher K., CSI, CCS
Watson, Michael J., CSI, CDT
Wobber, Stephen, CSI, CDT

KEYNOTE SPEAKER FOR PRODUCTS AND SERVICES FAIR

Architecture and the search for poetic possibilities

Will Bruder is the 2004 Keynote Speaker for the Portland Construction Products and Services Fair, Tuesday, May, 4 8 PM at the Oregon Convention Center

Through careful inquiry and thoughtful listening Will Bruder strives to create buildings possessed of a defining sense of place - so they become inextricable from their place. In his effort to discern distinguishing features of place, he emphasizes the importance of being a good listener who embraces naiveté and innocence while bravely seeking clues for place making. Some of these clues may be discovered in the cultural record of a locale while others appear through understanding the power of its environmental elements. For Will Bruder these are the currents that shape the conditions of existence in each locale and the perceptions of its inhabitants. Through a synthesis of these he produces unique architectural icons of place. With intellectual rigor and sculptural artifice he exposes the essential facts of historical and environmental place, and displays the particular mystical qualities to be found only there. His work has been summarized by various critics as, *Accelerated poetry of the ordinary that achieves a certain transcendence through its connection to place. Humanist structures expressive of a well-developed sense of place.*

Will Bruder has been a registered Architect in Arizona for 30 years. His acclaimed work includes Phoenix Central Library 1996, Scottsdale Museum of Contemporary Art - a recycled multiplex theater (1999), the Nevada Museum of Art, Reno (2003) and a high school for the performing arts in Tempe - Recipient in 2000 of both a Chrysler Design award and the Architecture Award of the American Academy of Arts and Letters.

CROSSWORD PUZZLE

FEBRUARY MEETING RECAP

By: Perky Kilbourn, CSI

At the February meeting of the Portland Chapter of CSI, 5 individuals began by giving a two minute discussion of e - Communication.

Don Bitterman, the owner and President of *Precision Images*, started the program with his definition of e-communication as electronic transfer of data.

Kevin Henry, Electronic Technology Manager with *McGraw-Hill Construction Dodge*, feels e-communication is what we are using while we explore new technologies.

John Grasle is a contractor who still uses hard copies of drawings and specifications, especially for getting information for bids.

Rick Heiserman is an architect who feels the collaborative software is driven by the owner.

Dick Alexander is an attorney who is interested in the legal aspects of how risks and liabilities are met and addressed by e-communication.

The following are the main thoughts contributed by each panel member in the second part of the program.

Bitterman expected electronic plan centers to act as distribution centers. The United States is not becoming a paperless society. Rather, information is being transmitted electronically and then hard copies provided as needed from the e-communication.. Feels Federal Express bought Kinkos because Kinkos is a distribution network.

Henry discussed the effort being made to distribute bid documents as needed. He talked specifically about file transfer protocol.

Grasle hoped that in the future contractors could order on line just the information they need and not the whole document.

Heiserman felt that as electronic documents are modified they need to be sent to all those who have previously received electronic copies of that information. In very simple terms it is a question of how to handle addenda in the electronic world.

Alexander advised that even though an agreement was transmitted electronically it is the hard copy of that agreement which governs the limitation on liability.

The program concluded with a one minute wrap up by each speaker

Bitterman felt people are going to do what they are going to do but people need to make sure technology is doing what they expect it to do.

Henry advised that there will continue to be new technologies introduced but people need to be careful as they begin to use them.

Grasle discussed the challenge of trusting technology for better project management and need to understand software and how to use it.

Heiserman raised the question of who should do the 3-D and 4-D documentation - the builder or the designer?

Alexander concluded with a warning about the use of the technology and the liability issues.

A well attended and very thought provoking meeting.

FEBRUARY MEETING PHOTOS



ADS ONLINE SERVICE

Architectural Data Systems (ADS) announces an innovation in document production for architects. ADS's new online service integrates four labor-intensive tasks into one efficient and easy-to-use system by combining product selection, detail drawings, material scheduling, and specification production. Details, specifications, and material schedules are created and updated automatically as project design and decisions progress to completion. Changes to product and design are immediately and automatically reflected and ready for output.

The two architects who designed the system saw the need to solve two chronic problems that plague architects in their work environment. Their first goal was to solve the difficulty of producing coordinated documents quickly and efficiently; their second, to effectively manage and reuse practice knowledge. "I recently used our system on six multi-million dollar projects. The savings are even greater than we had projected," said Chuck Williams, Architect and CEO of Architectural Data Systems. "It took less than a day on each project to fully define the scope of work in ADS. The learning curve for ADS is short, measured by minutes rather than hours or days. It is a useful tool at both the production and at the management level."

The ADS practice tool is an affordable and cost effective solution with numerous benefits and features not seen in any other document preparation tool on the market. Product information integrated into the system is outputted in schedule format to communicate design intent at early critical phases of a project without the need for complete specifications. ADS creates details, schedules, and specifications automatically in the background, ready for preview at any stage, allowing the user to concentrate on content rather than format. In addition, ADS continuously records and coordinates product and design decisions as they are made ready for output in drawing, schedule, and specification formats. Efficiency in production of these documents is dramatic resulting in greatly reduced time, overhead, and maintenance of valuable practice knowledge. ADS is a Web-enabled work environment accessible anywhere, anytime via a common Internet browser. There are no costly software downloads and it does not require an IT staff, set up time, or software installation. ADS offers a seamless interface with manufacturer's products and materials using their up-to-date catalog information in an easy to use, consistent format. Product selections are merged directly into the project documents eliminating time-consuming searches. The data is retrieved automatically as product decisions are made and synched with details, schedules, and specifications.

For additional information or demonstrations contact **Chuck Williams, Co-Founder and CEO of ADS, at 800-358-4445, or Kathy Kurtas, Marketing Director, at 215-722-7848.**

CSI PORTLAND GOODBYE

After more than a year of planning and hoping, I finally will be moving to Spokane to be with my wife, Sherry Harbaugh. As many of you know, this move has been anticipated for quite some time. While we like to think of ourselves as a mobile society, it is not always that simple. If you combine kids, house, business and office lease, its not simply a matter of calling the moving company!

I have lived in the Portland area since graduating from college in 1973. I opened my business in 1988 and went through four expansions in the same building in the Johns Landing area. The landlord there was very gracious to let me out of the last year of my lease.

I leave behind a great many long and close friendships in the Portland area. I don't expect to be saying goodbye forever but it's really the frequency of seeing each other that will change. I've enjoyed being an active member of CSI, Portland Chapter for 18 years. I have come to respect many of the people that dedicate their lives to this industry. Many of you have become friends and I am certain those friendships will endure the extra miles.

My email will remain the same. Below is my new contact information in Spokane, effective April 1, 2004.

315 W Riverside Avenue Suite 411

Spokane, WA 99201

(509) 624-5600

Thank you, Portland.
John Lape

■

THE FEBRUARY 2003 BOARD MINUTES

CALL TO ORDER: The meeting was called to order by Cherie McNabb at 12:03 pm at the AIA office.

PRESENT: Dennet Latham, Doug Allen, Jim Wilson, Denise Carpenter, Cherie McNabb, Ray Totten, Joe Bolkavatz, Scott Dicker, Michael Wilson, Carolyn Miller, Jane Phifer

ABSENT: Bob Schroeder

GUESTS: Rick Heiserman, Lee Kilbourn, Jody Moore, Ellen Onstad, John Lape, Erica Bitterman, Sandra Stevens

Sandra came to discuss the contact between AIA and CSI. Jim Wilson stated that the relationship between CSI and AIA is important. We talked about the space available for storage and Sandra stated that there is no space available for CSI for storage. John Lape told of the stuff that is in his office that needs to be stored elsewhere. John stated that the storage is financials and needs to be secure. Sandra stated for the \$275 a month CSI has use of the board room once a month, mail delivery, logo on the front window and we can use meeting space as needed for committee meetings. If we use the meeting space after hours or before hours we will have to sign out a key and be responsible for the alarm system. There is a \$100 charge if the alarm goes off.

Architects week – they are going to do a spring lecture series, they have one lecture organized in March and working on a couple more. Their meeting to start working on Architects Week is next week. Sandra will keep us in the loop. Rick stated as chapter president the line item we give to Architect week (\$2500) seems like a lot of money but it is very important to keep that relationship. He also stated that Sandra is being very cooperative with us and we need to return that cooperation. We are one of the few chapters that has a good relationship with AIA, other chapters do not have this connection. It was suggested we get a task team together to discuss our relationship with AIA more completely. Jim Wilson, Dennet Latham, John Lape have offered to be that task team.

1. COMMITTEE REPORT

Program: Meeting at 9 am next Monday at Precision Images to finalize the program for next week. March meeting is coming along well and all is complete.

Certification: the Certification class is going well and we have 25 students. Ray stated that a student did not show because the website stated the class was at PSU not LSW Architects. Rick will update the website with the correct info.

Elections: We have several spots that need to be filled. President Elect, President, Professional Directors (3) and

Treasurer. Chair persons needed are: Certification chairman, Program Co-Chair and Products & Services Fair. Erica Bitterman and Kaye Kloster, Jon Grasle, Carolyn Miller are interested in being directors. Joe Bolkavatz is going to move to committees. Cherie stated that she is willing to run for President Cherie McNabb and President Elect Scott Dicker were accepted by the board to run for next year.

Newsletter: Jane to work with Lee on sending the mailing firm the labels electronic file instead of sticky labels.

Website: is in demo mode and the web committee will meet later this week or next to make correction/changes.

2. FINANCIAL REPORT

Dennet passed out the treasurer's report for January and stated that the trend is starting to go up. The P&L for the January Chapter Meeting is not complete, we are waiting on bills. A motion was made and approved to accept the January's treasurer report as submitted.

3 BOD MINUTES

January's minutes will be emailed out for voter approval.

4. NEW BUSINESS

The Institute is looking for members to be on the various committees. Applications need to be in by February 15th if you know of anyone interested contact Rick Heiserman.

Excellence in Concrete Awards banquet is looking for a judge from CSI to judge projects that will be done at an awards banquet. Jim Wilson suggested that we check with the Spec Writers Share Group to find someone knowledgeable in Concrete.

Golf Tournament August 20th at Redtail Golf Course.

Doug will email out the last months minutes for approval.

5. NEXT MEETING

Next board meeting is for March 2, 2004, noon at the AIA office.

Adjourned at 1:15 PM

Respectfully Submitted,
Doug Allen
Secretary

THE CONTACTS

PORTLAND OFFICERS & DIRECTORS

President

Cherie McNabb, CSI, CDT.....360-600-8444

President Elect

Scott Dicker, CSI, CDT.....503-572-9835

Immediate Past President

Jim Wilson, CSI, CCS, AIA.....503-222-1917

Secretary

Doug Allen, CSI.....360-263-0049

Treasurer

Dennet Latham, CSI, CCS, AIA.....503-423-3998

Executive Director

Jane Phifer, CSI...503-805-2500 or 503- 399-7312
CSI Office - P.O. Box 5116, Salem, OR 97304

Director, Professional 2002-2004

Michael Wilson, CSI, CDT.....503-226-6950

Director, Professional 2002-2004

Bob Schroeder, PE, CSI.....503-227-5280

Director, Professional 2003-2005

Ray Totten, CSI, CCS, AIA503-635-4425

Director, Industry 2002-2004

Carolyn Miller, CSI, CDT.....503-260-7744

Directory, Industry 2002-2004

Joe Bolkovatz, CSI.....503-978-0800

Director, Industry 2003-2005

Denise Carpenter, CSI.....503-720-3005

COMMITTEE LEADERS

Archives/Historian

Margie Largent, CSI.....503-620-6573

Awards

Denise Carpenter, CSI.....503-720-3005

By-Laws

Ken Searl, FCSI, CCS.....503-362-3472

Certification

Scott Dicker, CSI, CDT.....503-572-9835

Editor

Jane Phifer, CSI.....503-805-2500

Education

Jim Wilson, CSI, CCS, AIA.....503-222-1917

Continuing Education

Skip Brown, CSI, CCS.....503-222-1917

Golf Tournament - Co-Chairs

John Armstrong, CSI.....503-579-2477

Erica Bitterman, CSI.....503-274-2030

Library

Perky Kilbourn, CSI.....503-244-1778

Membership - Co-Chairs

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Pat Murphy, CSI.....503-285-4557

Nominations

Jody Moore, CSI, CDT.....503-284-6799

Operations Guide

Ken Searl, FCSI, CCS.....503-362-3472

Orientation

Michael Muhle, CSI, CDT.....503-284-6799

Planning

Curt Austin, CSI, CCPR.....503-238-1253

Product Rep Share Group

Randy Tessman, CSI.....503-318-8046

Products & Services Fair - Co-Chairs

Cornelia Gibson, CSI, CDT.....503-624-7444

Ellen Onstad, CSI, CDT.....503-225-0361

Programs - Co-Chairs

Jody Moore, CSI, CDT.....503-284-6799

Scott Dicker, CSI, CDT.....503-572-9835

Publicity

Jane Phifer, CSI.....503-805-2500

Specifiers Share Group & Technical

Fred Herbold, CSI, CCS.....503-297-1382

Isaac Tevet, CSI, AIA.....503-222-1661

Student Affairs - Co-Chairs

Randy Tessman, CSI.....503-318-8046

Igo Jurgens, CSI, AIA.....503-223-0992

Student Affiliate

Rudy Barton.....503-725-3339

Webmaster

Rick Heiserman, CSI, CDT, AIA.....503-892-1321

REGION COMMITTEES

Academic Affairs

Loren Berry, CSI.....206-223-5052

Archives

Bob Hesselstine, CSI, CCS.....503-765-0374

Awards - Co-Chairs

Leo Emerson, CSI, CDT.....206-870-1976

Certification

Brian Keil, CSI, CCPR206-763-0300

Education

Perry White, CSI, CDT.....888-284-6799x25

Membership

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Newsletter/Website Editor

Robert D. Kenworthy, CSI, CCS...253-931-4826

Region Conference Direction Committee

Art Nordling, FCSI, CCS.....509-838-8681

Region Operating Guide

Ken Searl, FCSI, CCS.....503-362-3472

Region Trustee

Larry Barger, CSI, CCS.....360-943-4650

Strategic Planning Task Team

Colin Maynard, PE, CSI.....907-274-2236

Technical

Tom R. Deines, CSI, CCCA.....541-485-1700

Webmaster

Rand New, CSI, CDT.....541-688-5594

Portland Website
www.portlandcsi.org

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)

Dan Graham, CSI, CDT.....907-261-9203

Puget Sound, Seattle, WA (Second Tuesday)

Andrew Estep, CSI.....206-382-3393

Mt. Rainier, Tacoma, WA (First Thursday)

Jerry Litwin, CSI, CCCA.....253-584-5207

Spokane, WA (Second Thursday)

Mark Elliott, CSI, CDT.....509-624-4281

Portland, OR (Second Tuesday)

Jane Phifer, CSI.....503-805-2500

Capital, Salem, OR (Third Thursday)

LaVone Clausen, CSI.....503-371-2070

Willamette Valley, Eugene, OR (Last Thursday)

Rodd Hansen.....541-687-9600

Idaho, Boise, ID (First Tuesday)

Jon Farren, PE, CSI, CDT.....208-429-1307

INSTITUTE DIRECTORS

2001-2004

Jeff Callahan, CSI, CCCA

Ph: 907-786-6425 Fax: 907-786-6444

Email: afjcl@uaa.alaska.edu

University of Alaska Anchorage

PO Box 104882

Anchorage, AK 99510

2003-2006

Rick Heiserman, CSI, CCCA, AIA

Ph: 503-245-7100 Fax: 503-245-7710

Email: rickh@amaa.com

Ankrom Moisan Associated Architects

6720 SW Macadam Avenue, Suite 100

Portland, OR 97219

Region Website
www.csinwr.org

April 2004

Sun Mon Tue Wed Thu Fri Sat

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

4/6 CSI Board Meeting, AIA Office
 4/8 CSI Specifiers Share Group Meeting
4/13 CSI Chapter Meeting, Princeton Ballroom
 4/12 CSI Membership Committee, Billy Reed's Restaurant
 4/22 CSI Specifiers Share Group Meeting

May 2004

Sun Mon Tue Wed Thu Fri Sat

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23	24	25	26	27	28	29
30	31					

5/4 **CSI Portland Products & Services Fair**
 5/13 CSI Specifiers Share Group Meeting
 5/27 CSI Specifiers Share Group Meeting



Portland Chapter CSI
 PO Box 5116
 Salem, OR 97304





Knowledge for Creating
and Sustaining
the Built Environment

The Predicator

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Portland, Oregon Chapter — The Construction Specifications Institute

C.S.I. Portland Chapter
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: jane@portlandcsi.org
Web site: www.csinet.org

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30 th ANNUAL PORTLAND PRODUCTS AND SERVICES FAIR

AN EVENING WITH WILL BRUDER

“What I see in Will Bruder's work is an uncompromising commitment to the use of simple, natural materials used elegantly while respecting the integrity of the material, resulting in structures and spaces that have great content and meaning. He does not adhere to a style or precedent, but clearly looks at each design as an extension of himself and his beliefs. He is also a protagonist, clearly and articulately speaking to the essence of design and the role of the architect in standing up for his/her beliefs.

His lecture will be challenging--but should result in raising listeners to a higher level of commitment to design excellence and personal expression.

The desert breeds strange creatures, mutates beings through natural phenomena, but is sweetest when the wild flowers bloom after a rain. This is Will.” Don Stastny, FAIA

A self-taught architect who studied sculpture and apprenticed under Gunnar Birkerts and Paolo Soleri, Bruder has maintained a professional practice for 30 years with more than 300 completed projects and he has lectured and held visiting professor positions at the University of Virginia, Washington University, M.I.T, Kansas State, University of Oklahoma (Bruce Goff Chair of Creative Architecture), and Cableworks in Helsinki, Finland.

Will Bruder has proved influential and highly regarded. His work is the subject of an upcoming exhibit by the Architecture & Design Museum in Los Angeles, *Beyond the Box, the architecture of William P Bruder*. His architecture has appeared in more than 1,000 books and periodicals in the United States, Europe, and Japan. He has won more than 50 awards, including the Rome Prize, the DuPont Benedictus, and in 2000 the Chrysler Design Award which noted two significant projects, the Phoenix Central Library and the Scottsdale Museum of Contemporary Art.

Bruder has gained something of an iconoclastic image, a maverick working out in the desert where he engaged in architecture via hands-on experience through pragmatic experimentation. His work receives acclaim for the concern given to detail and building processes, sculptural blending of space, materials, and light, and his ability to render ordinary materials into extraordinary buildings. Bruder has characterized the architect's role as *very much about defining and celebrating the pragmatic and poetic needs of the client.*

On May 4th at 8:00 PM at the Oregon Convention Center, Hall E, Will Bruder will be the keynote speaker for the *30th Annual Portland Construction Products and Services Fair.*

Tickets are \$20.00 and can be purchased at the door, or visit four booths at the Fair before 5 PM and receive free admittance to the lecture.

PRESIDENT'S MESSAGE

By Cherie McNabb, CSI, CDT



~ THEN 1974 and NOW 2004 ~

I was not quite a member of the Portland Chapter of CSI in the year 1974. Actually I was still just a kid in school. I joined the chapter in 1993 and that would be just 11 years ago. In case you do not know, I have been involved or in charge of the Portland Products and Services Fair since the beginning of my time with the Portland CSI.

Many others have been so involved with the Fair and CSI much longer than me but I definitely have an opinion on this topic. It has been my little baby for so long. A few years ago Cornelia Gibson came on the committee and took charge of the invitation and I was in charge of the vendor side of the show. Cornelia has done a terrific job and we have worked well as a team to create a great show. There has always been a great selection of Vendors and a nice variety of seminars for the professional members of all organizations with in the construction industry. This year Ellen Onstad has taken charge of the vendor side of the show. I needed to transfer my duties to her. Ellen has done an incredible job this year. She has brought much new and different strength to the Fair. She has also learned a little more patience as we all have.



THANK YOU to both Cornelia and Ellen for a great job well done. I personally look forward to another successful fair. What would we do with out our wonderful volunteers?

Over the past 11 years I personally have seen some exceptional seminars and keynote speakers. John Lape put in diligent hours pulling together some of the past key note speakers. Last year Melissa Marton worked long and hard on the keynote speaker and Jim Wilson has also put out hours and hours of time to create this year's keynote speaker. We are so thankful for these efforts. Each speaker has brought learning credits and interesting topics for all to enjoy.

One year I tried to figure out a new way to entice the CSI members to attend the fair and vendors to show their products at the fair. How could I announce it at meetings that would be more than the average announcement that most people tune out.



One evening I was on a road trip brainstorming with myself and I came up with the theory of "bringing fear" to the members. OK maybe a spoof or an oxymoron. A small person like me threatening or putting fear into the crowds

mind to go to the fair. Many things went through my head until I came up with "SISTER SLEDGE". I must say she was quite the hit. I am not sure if she put the fear into anyone but she did spice things up a bit. She brought her boyfriend BUBBA one year played ball with Perky Kilbourn and then she brought her biker chick friends other years. Once again what would we do with out our friends to help us out every now and then? Now Sister and her many friends returned many time per year and many years by request. Remember CSI is not always work we have to enjoy ourselves too.

We, the board and all its volunteer committee members have once again created a great products and services fair for all of the construction industry to attend at no cost to them. We have once again many vendors that will dedicate the day to inform the construction industry about their products and services they have to offer. Remember:

DAY: TUESDAY – MAY 4th, 2004
PLACE: OREGON CONVENTION CENTER
SEMINARS START: 12:30pm
EXHIBIT HALL OPENS: 2:00pm – 8:00pm
KEYNOTE SPEAKER: 8:00pm -9:30pm

Please take the time to attend. If you are a principal please consider attending and allow your employees to attend the fair and seminars. I am sure you and they will learn at least one thing if not more. We all benefit from your attendance.

Thank You in advance for your attendance at the Portland Product and Services Fair on May 4!



BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



Recently I attended a local CSI monthly Chapter meeting and the program was regarding Stream Safe Pervious Concrete Restoring Balance to Nature. It was a very interesting program so I decided to pass highlights regarding this subject on to you good folks. Stream Safe is the brand name of Quality Concrete Company's Pervious Concrete Pavement.

Pervious Concrete reduces runoff by allowing natural drainage, filters contaminants, replaces storms drain systems, can increase usable area on a property, reduces excavation requirements, cuts construction time, eliminates many government fees in certain areas, and may qualify for up to 18 LEED "Green" Build Credits.

Detailed benefits as follows: Drastically reduces storm water runoff from properly designed parking areas, Stops more than 99 percent of contaminants that typically flush into streams (when used with a bio-swale), Replaces or reduces need for typical parking lot storm sewer systems, Can be designed to eliminate detention basins typically designed into parking lots, That means flatter and safer parking lots, Can be designed with enough storage capacity to replace open detention basins, Leaves more room for parking, extra usable income producing commercial space and a better investment return, Reduces construction time. Excavators can grade the building pad and the parking area at one time. Base rock can be installed early with no need to come back to excavate for storm sewers, detention basins, or catch basins. Some local governments charge fees based on impervious surfaces. These fees can be avoided or reduced by using this product. Some governments are considering an annual tax on based or impervious surfaces. If that happens, previous parking lots and driveways become an even greater value. For more information you may contact the following: Bob Banka, Concrete solutions Inc. , 3640 Kendra Street, Eugene OR 97404, Tel: 877-634-6788 or Scott Erickson, Viesko Quality Concrete, P.O. Box 20620, Keizer OR 97307

I was asked by a CSI member if I would write a few words about our Chapter's Product Show. Our first Products show originated with four of us getting together, Larry Arnold, Tom Shea, Keith Schaber and Ken Searl. Our first Product Show in 1974 was named, Portland CSI Chapter Products Fair. We soon received word that the Product Fair was not sanctioned by the Institute. We all said, So What? It is now in it's 30th year and has become quite a fine show.

I was going through some old copies of our Chapter newsletter, The Predicator, and I noticed that Ed Loy CSI CDT, our cartoonist, has contributed many great cartoons published in The Predicator. I really like his character named Snodgrass. Great cartoons Ed.

CARTOON

WHAT DO YOU SAY? .. News and views from the Specifiers Share Group

By Fred Herbold, CSI, CCS

Spray-Applied Fireproofing

Our two presentations at the Specifiers Share Group during March covered two applications of spray-applied fireproofing: concealed and architecturally exposed applications.

Don Long, CSI, CCPR, of W. R. Grace & Co. presented an overview of spray-applied fireproofing, the types available and some historic background including a video of fireproofing's success saving the First Interstate Tower in Los Angeles.

Don Falconer, P.E., of A/D Fire Protection Systems, accompanied by Bob Sallee of SalleeCo in Washington, presented thin film spray-applied fireproofing. This type of fireproofing is becoming very popular with architects who want to see the true shape and dimension of exposed steel, and meet fire-resistive requirements.

With the advent of iron and steel construction two centuries ago came the realization that these new materials had to be protected from the affects of heat during a fire. At first steel was covered or buried in concrete and masonry to protect it. That's rather weighty and costly construction. However, it is durable and maintenance-free.

In the late 1930's building codes were developed and adopted to assure construction of safe buildings. A key feature of all building codes is a system of time-rated, passive fire protection for the structural elements of a building: walls, floors, roofs, beams and columns. In parallel with codes, a scientific method to test, rate and approve fire-resistive assemblies was developed. We know these tests as UL 236, ASTM E119, NFPA 251, and UBC 7-1, but we normally select assemblies from a list in the UBC or UL's "Fire Resistive Directory."

The development of light-weight, easily applied, sprayed fire-resistive materials has allowed faster, easier, less expensive, and taller construction. However, spray-applied fireproofing is still relatively expensive, and other fireproofing methods or adjunct systems are usually considered before finalizing the use of spray-applied.

For simplification, we can divide SFRM (spray-applied fire-resistive materials) into three types: 1) Cementitious, which is sprayed in a slurry (wet), 2) Fiber, which is dry fibers and binders wetted during spraying, 3) Intumescent, which is relatively thin and expands into a protective char when heated. It is important to note that the UL "Fire Resistive Directory" divides listings by these three types of products. If the specifier wants and specifies regular density cementitious SFRM in 07810, and the architect notes a P800 series fiber SFRM assembly on the drawings, the documents are in conflict.

Cementitious SFRM comes in three densities: High, Medium and Regular. Fiber SFRM is only regular density. Regular density SFRM is the most commonly used product, because it is used in concealed locations. In buildings, medium and high density SFRM are used in exposed locations where the look of thin film

is not necessary. All three densities can be top coated for various effects. It's best to discuss specific project needs for exposed fireproofing with the manufacturer's representative, and, of course, specify a mockup.

Intumescent fireproofing has gone through several generations of development. The product available today is water-based, relatively thin so it's called "thin film" and it looks like "paint", and very expensive instead of very-very expensive. As its use grows, we can expect the cost to decrease. Again, if UL listings are noted, make sure they are in the 600 series for intumescent SFRM. Thin film ratings go up to 3 hours. They can produce a protective char 4 to 6 inches thick. To obtain the rating the typical design section must allow for this intumescent growth. Color top coating can be specified for aesthetic appearance.

Here are some tips and cautions we were given:

If you note UL listings, and some code authorities require it, make sure they match the SFRM specified, and that associated materials and construction are consistent with the listings. Best to have manufacturer's representative do this with you. For example, UL's definition of "restrained" may not be the same as your structural engineer's.

Watch out for SFRM thickness on open-web steel joists. Some manufacturers' UL listings are for less than 100% of SJI's allowable stress. Add, "Fire resistance design thickness for 05210 steel joists shall be based on SJI's maximum allowable stress of 30 ksi," to 07810 Submittals and Quality Assurance.

For thin steel members, increasing weight and thickness can significantly reduce SFRM thickness and more than offset the additional cost of steel (especially thin film).

Coordinate steel shop preparation with SFRM. It's still best to not prime for cementitious (and fiber?) SFRM. However, thin film SFRM must be applied to primed steel, and the primer must be listed or tested for the thin film. It's a good idea to include a primer or adhesive-bond coat for accessory material.

Sustainable Buildings: Cementitious and fiber SFRM manufacturers claim to use recycled materials. Specify no detectable asbestos (40 CFR 763, Subpart E, Appendix E, Section 1) and that it supports no mold or bacterial growth.

Applicator/Installer should be certified or licensed by the manufacturer. In addition, for thin film, consider listing "Acceptable Installers" based on recommendations from manufacturer's representative for the desired results. Thin film requires different application skills than the other types. Best to assume two different tradesmen or even firms will be needed if both types are specified.

Third party field quality control inspections, owner provided. Protect installed SFRM from the weather.

PS: I'm staying in touch with <http://wtc.nist.gov/> for conclusions about fireproofing at the NY World Trade Center.

PERKY'S NOTES

By: *Perky Kilbourn, CSI*

First Note - This issue of "The Predicator" is supposed to be about the annual Portland Products and Services Fair. I was asked by Ellen Onstad about how the Products Fair got started. Being a recovering researcher, I went to the source who I knew would give me information - Ken Searl. When he was President of Portland Chapter CSI, he foreshadowed in his column in the September 1974 issue of "The Predicator":

". . . On the more serious side, your President and Board of Directors and lots of helpers, including those without portfolio, are working and planning for the next year's agenda. One of the main attractions coming up will be a products fair sometime next year. Dates and information will be announced by that committee as soon as possible. . . ."

In the January 1975 issue of "The Predicator," Ken wrote in his President's column:

". . . First of all, don't forget to attend our products fair coming up next month. If you are an industry member and would like to participate as an exhibitor, contact Larry Arnold, Keith Schaber, or Tom Shea for space. These three gentlemen are the products fair committee and will be glad to assist. . . ."

Therefore, I think we can blame or congratulate Ken Searl for being one who encouraged the "Portland Products Fair" we have now. Way to go, Ken!

The 1975-1976 officers listed in "The Predicator" included Larry Arnold, Secretary/Product Fair Director. As many of you may remember, Larry Arnold (a past president of Portland Chapter of CSI) just died.

Second note: The Chapter meeting on Risk Management and Mold - As a microbiologist, I know a lot about mold that cause infections in people but only a little bit about mold that cause infections of buildings. Some mold infects people and buildings, some mold only infects people, and other mold only infects buildings. It may seem funny, but not all molds are evil.

In my reference file on molds, I found an article from The Oregonian entitled "Don't confuse the mold in aged cheese with the mold on old cheese."

The article first discusses beneficial molds which make cheeses like Roquefort, blue, Gorgonzola, Stilton, brie and camembert. The article then discusses what foods you should throw away if they have mold on them because they may have mycotoxins in them. For example, most cooked meats and starches with mold should be tossed, because they may have bacteria growing along side the mold. Soft cheese and dairy products (such as cream cheese, sour cream, yogurt) sliced, shredded or crumbled cheese, jams,

soft fruits and vegetables, breads and baked goods, should all be thrown away because the foods can be contaminated below the surface.

Also listed are foods from which you can remove the mold and safely eat. For example, hard cheeses such as cheddar are safe, if you cut off at least one inch around the spot and don't get any mold on the knife blade. Hard salami and dry-cured country hams, firm fruits and veggies such as cabbage, bell peppers, carrots etc., should be fine if the mold spots can be cut out and are small.

Third Note - As these notes are being written, I realize that next week I will be in Chicago at the National CSI Convention - I have gone to every National CSI Convention since 1968 except one. I did not attend the 1969 National CSI Convention because I was home with Ellen Onstad (Kilbourn) and in "those days" one did not take a baby to a National CSI Convention. You can now - progress has been made! Women have made great strides in many different areas, which brings me to my next topic.

Mary Alice Hutchins, FCSI, FAIA was a real trail blazer! Please let me know if you would like a copy of her book "One Woman's Unique Architectural Journey - The Life and Times of Mary Alice Hutchins" and support scholarships for women in the construction industry. Her books are hard bound, limited edition and make nice gifts for women who might be considering careers in the construction industry. One woman who received one of these scholarships in 2000 recently came to a Portland Chapter CSI meeting because she is now working in the construction industry and is an intermediate member.

Fourth Note - Speaking of new members of Portland Chapter CSI, Lee enrolled four new members at the meeting in April. (And just so our other daughter, Laurie, doesn't feel left out, she helped edit this episode of Perky's Notes.)

PORTLAND PRODUCTS FAIR FREE VENDOR SEMINARS

Vendor Sponsor Mini-Seminars – Attendance if Free – Continuing Education Credits available

1:00 – 2:00 PM – Designing with Architectural Concrete by LM Scofield Room E 145

L.M. Scofield has been a manufacturer of architectural coloring systems for concrete since 1915. Our seminar addresses the numerous ways to color and texture concrete, showing images of award-winning design projects throughout the country and giving new insights into the use of cost-effective architectural colored and textured concrete. Seminar topics for discussion include:

Integral colored admixtures, color hardeners, chemical stains, overlays, curing, sealing, and maintenance systems.

2:30 – 3:30 PM – Silicone Sealants in Construction Applications by Atlas Supply – Room E 145

This AIA-certified course will cover the basic uses of silicone sealants and coatings in a variety of weatherproofing applications of commercial construction. It offers comparative information on the performance characteristics of organic sealants versus silicones, and discusses factors affecting the longevity of performance of organic and silicone products.

3:00 – 4:00 PM – Specifications to Installation: Window Testing and Construction by Custom Window Co. Room E 146

From Window designation jargon and AAMA test methods through building a window, this presentation offers an overview of what happens and when. Why use a AW-70 window instead of a HC-70? What does AW stand for and what does the 70 mean? What are your thermal break options and hardware options? How is a vent put together and why should you care?

4:15 – 5:15 PM – Designing and Specifying Low Slope Tapered Insulation Roof Systems by Tapered Design Center – Room E 147-148

A Study of Methods of presenting, science and math of taper design, and unique symbols required to provide specifications and plans for designing, evaluating and construction low slope tapered insulation roof systems

4:15 – 5:15 PM – New Technology in Vertical Transportation by Otis Elevator Company – Room E 146

This presentation will include descriptions and technical details of both the new 'machine-roomless' elevator and Nextstep escalator. Both are engineering breakthroughs and will advance building construction to safer and more customer oriented design.

5:30 – 6:30 PM – Commercial Window Installation Guidelines and Detailing by TRACO Windows – Room E 146

Options for anchoring windows in new and retrofit commercial applications including nail fin, strap anchor, compensation channel, interior trim and clip, and panning systems. The seminar will discuss principals of water management for individual window and mulled units. Examples of good and less-than-good details showing flashing methods for a variety of wall conditions will be shared and discussed.

5:30 – 6:30 PM – Climate Responsive Design by Better Bricks – Room E 147-148

Effective response to local climate conditions can result in significant energy savings. This topic will discuss how humans perceive comfort, and how buildings can effectively respond to these perceptions by taking advantage of local climatic conditions with a focus on proven regional energy savings strategies.

6:00 – 7:00 PM – Comparative Study of Wood and Aluminum Windows in Commercial Buildings by Pella Windows – Room E 145

Three key window selection criteria will be examined and discussed

- Aesthetics
- Cost
- Thermal Performance

How to specify a warranted water infiltration system using the latest design from Pella will be discussed.

PORTLAND PRODUCTS FAIR EDUCATIONAL SEMINARS

“The Business Case for Sustainability” 12:30 - 2:00 pm Admission: \$20.00 Credits: 1.5 AIA HSW.

What does it mean to have an “Environmentally Sustainable Space”? How do you make your real estate less of a liability and more of an asset? What is needed for an environmental solution and how does this affect the design team? This program examines some solutions and evaluates the business assets.

Mr. Bill Black brings 15 years experience as a Quantity Surveyor and cost consultant, to his role with SMED where he assists owners, design teams and contractors in evaluating the cost effectiveness of implementing SMED’s Constructive Solutions approach to building out modular office interiors.

“Risks & Liabilities of e-Construction & You” 1:00 - 2:30 pm Admission: \$20.00 Credits: 1.5 AIA HSW.

New electronic services, software, hardware and faster access to information – as digital technology continues to promote a paperless process and the prospect of ‘real-time’ communication do you worry whether you have covered all your bases? Are you missing opportunities or critical information? What are the e-Risks and who assumes them? What are the legal challenges? This seminar intends to make you aware of the opportunities, trends and trials of architectural design as it relates to technology.

Dick Alexander, CSI is a Partner in the Construction & Design Group of Stoel Rives LLP and a member of the American College of Construction Lawyers. He has Co-edited every edition of the Oregon State Bar publication on Construction Law and has lectured widely on Construction Law issues. Among the notable projects he has been involved with are Nike World Campus, Rose Garden, Brewery Blocks, and Oregon Convention Center (original construction and expansion).

“LEEDing Your Clients To Better Green Buildings” 2:30 - 4:00 pm Admission: \$20.00 Credits: 1.5 AIA HSW.

This session will offer an overview of recent developments in the USGBC’s LEED certification program and an update on Portland-area programs and services available to designers, builders and consumers looking to make their projects more sustainable. The session will also feature recent case studies of local projects that sought and gained LEED recognition.

Panelists: Glen Gilbert, Executive Director Cascadia Chapter of the USGBC - Greg Akers, Green Building Specialist City of Portland’s Office of Sustainable Development - Bryce Jacobson, CSI, Associate Planner Metro - Alan Scott, CSI, Director of Consulting Services PGE’s Green Building Services.

“Navigating the 2003 International Building Code” 4:00 - 5:30 pm Admission: \$20.00 Credits: 1.5 AIA HSW.

This presentation will highlight distinguishing features of the 2003 International Building Code (IBC) and major changes from the UBC to the IBC, which is anticipated to be adopted by both Oregon and Washington sometime this year. Discussion will cover the essential elements of building planning. Take this seminar to gain conceptual insight how to navigate the format and fundamentals of the 2003 IBC.

Mr. Kraig Stevenson is the Regional Manager of Governmental Relations for the ICC Bellevue, WA office that serves six western states. Mr. Stevenson provides support services for the ICC’s International Code family, and has assisted with the development of code support documents, technical manuals, and seminars. He also provides code interpretation consultation services to ICC members and assistanceto code officials with the ICC adoption process and Code maintenance.

Prizes will be given away throughout the day. In addition to many door prizes, you will have a chance to win one of two “Weekend Getaway” gift certificates to Salishan or Skamania Lodge.

Free hors d’oeuvres will be served at 5:30 pm.

No host bar services will be available.

Seminars Start at 12:30pm - Exhibits Open at 2:00pm

PRODUCT FAIR THOUGHTS

TOP 10 REASONS TO ATTEND THE PPSF

Willamette Print & Blueprint is pleased to support the continuing education efforts of the CSI. By donating design services and participating in the 30th Annual Portland Products and Services Fair we are happy to give back to the CSI membership that has supported us for many years.

Jeff Morin

Willamette Print & Blueprint

The reason I go to the Products Fair is to network. I run into several of my old "drafting" buddies from various offices that I have worked over my 30 years in Portland. Last year I ran into David Barry, my first project manager at my first job in Portland, whom I had not seen for 29 years and had a wonderful conversation. Being a specification writer, I get an opportunity to touch base with many product reps. I even have a chance to ask some of them why their product did not work as they had indicated they would. I have noticed over the years that the product reps that "work" the floor are the most successful and the ones that are too busy on their cell phones complain that the show was a bust. See you at the Fair!

Ray Totten, CSI, AIA

Barrentine Bates Lee

As a Project Manager I have found that the annual CSI Portland Products and Services Fair has been great resource for two reasons. First, the exhibit hall allows me the opportunity to meet over a hundred local manufacturers representatives and discuss their products. Knowing these individuals on a first hand bases I believe, has helped me to develop better project manuals and do a better job during contract administration. Second, the seminars have had timely information in understanding the changes in the construction industry, as well as providing continuing education credits. I would highly recommend attending this year's Fair on May 4, 2004.

Richard Heiserman, CSI, CCCA, AIA

CSI Institute Director, Northwest Region

By now most people in the construction industry should know that the Thirtieth Annual Portland Products and Services Fair will be held at the Oregon Convention Center's Exhibit Hall E from 2 to 8 p.m. on Tuesday, May 4th. There could be information about this event that people may not be aware of and so, at the risk of sounding like an old worn cliché, and being accused of violating a CSI aphorism of not placing information in more than one location, I offer up the following as my top ten reasons for attending this event:

10. Admission is free, and as Tom Peterson always says, "Free is a very good price!"
9. Over 135 Vendor exhibit booths in one location at one time, waiting to demonstrate to you the latest products, services and technology for design.
8. There are opportunities to earn AIA learning credits.
7. Visit four vendor booths, get sign off and win free admission to hear the Keynote Address by Will Bruder and as Tom Peterson says, "Free is a very good price!"
6. An opportunity to meet new product, service and technology representatives.
5. A chance to win free door prizes and as Tom Peterson says, ...
4. Informative mini-seminars on important current topics.
3. A chance to win free, one of two weekend getaways, and as Tom Peterson says, ...
2. The fun exhibits of the "Then and Now" Project Gallery.
1. Last but certainly first in everyone's book, free hors d'oeuvres, and even if you don't know who Tom Peterson is, by now you should know what he always says...

Come to the Thirtieth Annual Portland Products and Services Fair and see how free really is a "very good price!"

Russ Pitkin, CSI AIA

Architect

PORTLAND PRODUCTS FAIR AND WHY YOU SHOULD ATTEND

Now - The Products and Services Fair continues to be one of the key education and fun events provided by the Portland Chapter CSI. Where else within one afternoon and evening can a person visit more than 130 vendors, learn the latest advances in construction products, chose from several technical seminars offering timely topics and continuing education credits at a nominal fee, enjoy a tasty meal, meet new and old friends, and spend a relaxing evening with a superb keynote speaker?

Then - Over the years the location for the Products Fair including the Exhibition Hall at Memorial Coliseum, the Red Lion Hotel at Lloyd Center, Montgomery Park, and for the last several years the Oregon Convention Center, has changed to accommodate a larger Chapter Membership and more seminars, vendor mini-seminars, and larger keynote speaker crowds all in an effort to address broad-based learning opportunities for the diverse membership of the Portland Chapter. (Thanks to the Products and Services Fair Committee's hard work!)

Then and Now – Diversity is what makes CSI such a special “learning” organization. Contractors, architects, engineers, code officials, product manufacturers, material suppliers, attorneys, building owners, insurance agents, testing agency personnel, facility managers, and other construction related personnel; all working together to understand the other's view point and how to work better together as a construction team. In my opinion, this diversity makes CSI the best construction industry organization in which to be a member.

Now and Then – Think about meeting friendly people and learning something new and fresh at this year Products and Services Fair; *see you there!*

**Dennet Latham, CSI, AIA
Architect**

The size and scope of the fair truly offers something for everyone involved in the construction industry. Participating in the products fair in various capacities over the years has been a very rewarding experience for me and my business. I have been a volunteer on the planning committee, exhibitor, deliverer of happy face balloons, an assistant greeting visitors, ticket taker, photographer, and of course I've walked the fair for new ideas.

Every year, regardless of what I do, I am rewarded with the opportunity to see and talk with people I have met and worked with over the years, learning new ideas, and marketing my products.

Who needs to go to a national convention, the PPSF has what you need. Don't miss it! In probably less time than the early arrival requirements at an international airport these days, you can tour most of the fair, snack on delightful treats, see old friends, meet new people, and best of all with the constant frenzy of new products, procedures, and practices **LEARN SOMETHING NEW!** Oh, and **HAVE SOME FUN!**

**Doug Allen CSI
ESSEX Industries**

CROSSWORD PUZZLE

FLASH BACK TO 1974

CAN YOU NAME THE LOCATION OF THE 1974 PRODUCTS FAIR?

Give the answer at this years Products & Services Fair and win a prize..

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Igo Jurgens, CSI, AIA.....503-223-0992

Student Affiliate

Rudy Barton.....503-725-3339

Webmaster

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REGION COMMITTEES

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Archives

Bob Hesselstine, CSI, CCS.....503-765-0374

Awards - Co-Chairs

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Certification

Brian Keil, CSI, CCPR206-763-0300

Education

Perry White, CSI, CDT.....888-284-6799x25

Membership

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Newsletter/Website Editor

Robert D. Kenworthy, CSI, CCS...253-931-4826

Region Conference Direction Committee

Art Nordling, FCSI, CCS.....509-838-8681

Region Operating Guide

Ken Searl, FCSI, CCS.....503-362-3472

Region Trustee

Larry Barger, CSI, CCS.....360-943-4650

Strategic Planning Task Team

Colin Maynard, PE, CSI.....907-274-2236

Technical

Tom R. Deines, CSI, CCCA.....541-485-1700

Webmaster

Rand New, CSI, CDT.....541-688-5594

Portland Website
www.portlandcsi.org

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)

Dan Graham, CSI, CDT.....907-261-9203

Puget Sound, Seattle, WA (Second Tuesday)

Andrew Estep, CSI.....206-382-3393

Mt. Rainier, Tacoma, WA (First Thursday)

Jerry Litwin, CSI, CCCA.....253-584-5207

Spokane, WA (Second Thursday)

Mark Elliott, CSI, CDT.....509-624-4281

Portland, OR (Second Tuesday)

Jane Phifer, CSI.....503-805-2500

Capital, Salem, OR (Third Thursday)

LaVone Clausen, CSI.....503-371-2070

Willamette Valley, Eugene, OR (Last Thursday)

Rodd Hansen.....541-687-9600

Idaho, Boise, ID (First Tuesday)

Jon Farren, PE, CSI, CDT.....208-429-1307

INSTITUTE DIRECTORS

2001-2004

Jeff Callahan, CSI, CCCA

Ph: 907-786-6425 Fax: 907-786-6444

Email: afjcl@uaa.alaska.edu

University of Alaska Anchorage

PO Box 104882

Anchorage, AK 99510

2003-2006

Rick Heiserman, CSI, CCCA, AIA

Ph: 503-245-7100 Fax: 503-245-7710

Email: rickh@amaa.com

Ankrom Moisan Associated Architects

6720 SW Macadam Avenue, Suite 100

Portland, OR 97219

Region Website
www.csinwr.org

May 2004

Sun Mon Tue Wed Thu Fri Sat

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- 5/4 **CSI Portland Products & Services Fair**
- 5/10 CSI Membership Meeting, Billy Reed Lunch Hour
- 5/11 CSI Board Meeting
- 5/13 CSI Specifiers Share Group Meeting
- 5/27 CSI Specifiers Share Group Meeting

June 2004

Sun Mon Tue Wed Thu Fri Sat

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- 6/1 CSI Board Meeting
- 6/8 **CSI Chapter Meeting, tour Meier & Frank Warehouse Conversion project**
dinner following at Princeton Ballroom
- 6/10 CSI Specifiers Share Group Meeting
- 6/24 CSI Specifiers Share Group Meeting



Portland Chapter CSI
PO Box 5116
Salem, OR 97304





Knowledge for Creating
and Sustaining
the Built Environment

The Predicator

Volume 43, Issue # 9

June 2004

Portland, Oregon Chapter — The Construction Specifications Institute

C.S.I. Portland Chapter
Phone: (503) 805-2500
Fax: (503) 587-0337
E-Mail: jane@portlandcsi.org
Web site: www.csinet.org

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CSI 2004 Spring Construction Site Tour & Awards Gala

Meier & Frank Warehouse Conversion Tuesday, June 8, 2004

Meier & Frank's behemoth warehouse is undergoing a remarkable transformation that is only possible to comprehend when you get inside. This tour will offer you a very rare opportunity to do just that. With the new construction laid directly over and around the original structure, you will see both what was— the distribution center for Meier and Frank department stores, and what will be— the Avenue Lofts urban condominiums in the heart of the Pearl district.

Developer Robert Ball has again teamed-up with our tour host, **Howard S. Wright Construction**, who constructed his Marshall Wells Lofts project last year. **SERA Architects** bring their considerable expertise in historical preservation to the design, and completion is scheduled for this fall.

You will visit the courtyard— the pearl at the project's heart— and see how it was formed out of the building's core. Our tour stops at the 2-story penthouse, with city views through new 18' tall windows cut into the south walls. You will experience the acoustic design challenge (right next to the freeway!) and see how it has been met. You will see typical unit finishes and understand the structural solutions that make this project unique.

The Owner, Architect and Contractor will then join us for dinner and will talk about finances and how they work to make the project pencil out.

Mixed in the fun we will be presenting awards to CSI stars: individuals and organizations whose contributions make our Chapter a vibrant and integral part of our community.

The Tour—4:30 PM Gather at the north parking lot at the project site located at 1408 NW 14th, between NW Hoyt and NW Irving.

Dinner: Following the tour, we will head back to the Princeton for a delicious dinner buffet served by Jake's.

Cost: \$30.00 per person -- prepaid reservations only—by June 4, 2004.

Event is limited to the first 120 people who reserve.

Tour and Dinner is the Event-- no tours only.

Please see the insert for address, directions and easy registration.

PRESIDENT'S MESSAGE

By Cherie McNabb, CSI, CDT



I want to start my article with a THANK YOU to both Ellen Onstad and Cornelia Gibson for a great job on the Products and Services Fair. We have a group of great volunteers.

I also want to put out a huge THANK YOU to all of you who took time out of your day to attend the seminars and walk the exhibit floor. We realize that with the time changes we had to make, that were beyond our control, confused and frustrated many of you. Your patience shall be commended. We will be do our best to avoid any time changes this next year.

One more THANK YOU needs to go out to the vendors that purchased booths to show their products and services to all in the industry. Times have been challenging and we appreciate your participation on the exhibit floor. We know that the time changes affected you too and we want to thank you for your patience. With your participation this event will continue. We are open for suggestions on new and exciting ideas to help make the Products and Services Fair stronger and more successful. You may email me at cheriemcnabb@comcast.net, Jane Phifer at jane@portlandcsi.org, or Ellen Onstad at ellen_onstad@mcgraw-hill.com.



I had the opportunity to have a personal conversation with our keynote speaker Will Bruder. I am sure all of you that were able to attend his presentation enjoyed Will. We have many people to thank for

this Presentation.

First, I need to Thank Will Bruder for taking time out of his busy schedule to visit with us in Portland for our Products and Services Fair.

A thank you goes out to Don Stastny for helping attract Will to our fair.

And of course, Jim Wilson, thank you for all your hard work on pulling this all together.



June will be another exciting tour for the Portland Chapter of CSI. We will be touring the Meier and Frank Warehouse. This building used to be the old building that Meier and Frank used to have their big warehouse sales in. I went to a

few warehouse sales as I am sure many of you did too in this building. We now get to view it being rebuilt for Condominiums. This is a great opportunity to view it before any tenants have moved into the place. You will be able to see how the construction world can take an old building and create a wonderful new living environment. After the tour we will all be heading to the Princeton Ballroom to finish out the evening with dinner and a celebration honoring our terrific Volunteers within the Portland Chapter of CSI. Awards will be given out at that time. We look forward to seeing you there.

Please enjoy your summer and we will see you at future events.

Summer events include:

CSI Golf Tournament on August 20, 2004 at the Lewis River Golf course at 3209 Lewis River Road, Woodland, WA 98674. Directions:

North on I-5 to exit 21 (Woodland exit). Turn right onto Hwy 503. Drive 5.5 miles East until you pass Echo Store. Turn right at next road after passing the Echo Store. Lewis River Golf will be on your next right.

Registration starts at 11:30 and Shotgun time is 1:00pm. If you have any questions or want to sign up contact Erica Bitterman at ebitterman@precisionimages.com.

I hope to see as many of you there as possible.

THANK YOU!

BS BY KS - Basic Specs

By Ken Searl, FCSI, CCS



On March 2 of this year, I and ten other judges participated in the 24th Annual “Excellence in Concrete” award program sponsored by Oregon Concrete and Aggregate Producers Association (OCAPA) and Oregon Chapter of the American Concrete Institute (OACI). The judging luncheon took place on March 3, 2004 at Sweetbriar Inn located off Nyberg Road exit. We were handed a list of the judging rules and information about each project. Judging was completed in approximately 4 hours.

As I remember it there was approximately 57 entries. We were issued Judges Ballot Form with 5 items. Items were: Creativity, Superior Craftsmanship, Unique or Innovative Uses, Extensive Use and Aesthetic. This included ten items both Residential and Commercial mostly medium to large sizes. We scored every entry on a scale from 5-1 (5 being excellent) using the standards listed above.

Criteria for consideration scoring projects as follows:

- Personal knowledge of project may be considered, but it is by no means necessary.
- Projects are to be judged individually not competitively.
- Judges should consider use of concrete in the project as opposed to the project itself. A project should not fail to receive an award for excellence simply because the project itself is not unique or attractive, nor should a project receive an award for mediocre concrete in a new, unique or exciting project.

- Excellence can have many applications: workmanship, aesthetics, structural and architectural considerations, new or unique applications, alternative designs, durability, flexibility, and others. The judgement and opinion of the panel is solicited.
- Applications are submitted by owners, producers, architects, engineers and contractors, and with varying degrees of “professionalism, in presentation. In as far as possible, the facts and subject matter of slides should be judged not the photographer’s expertise.
- Judges decision may be based on the following criteria;
 - Creative and functional design
 - Superior craftsmanship
 - Unique or innovative use of concrete
 - Extensive use of concrete
 - Imaginative and aesthetic use of concrete

You may contact above listed organizations for further information.

Addendum No. 1 from Ken Searl

This is the last BS Column I will write due to various reasons. I suggest the CSI looks for someone else to write this or a similar column. Ken’s comment: I never thought I would write 312 BS Columns. One of my friends said; Now, that is a lot of BS. I am not going to mention what my wife said, so there.

CARTOON

CROSSWORD PUZZLE

WHAT DO YOU SAY? .. News and views from the Specifiers Share Group

By: Dave Shelman, CSI, CCS

Chicago!

No, not the show. This is not a review of a musical but a report on the real, live place! The occasion was the 48th Annual CSI Convention and FM Show that took place at McCormick Place April 21-25. I came away with some good stuff from the convention, but first an urban anecdote: I felt like a kid in a candy shop in this Architect's mecca. On the first evening, after getting checked in at the downtown hotel, I wandered out to soak up the ambiance and get my bearings. I walked by the Water Tower (the only civic structure to survive the Great Fire of 1871) and, passing Ditka's Bar (the owner is the Chicago Bear's former coach) when on the periphery of my view I sensed something very familiar. I turned and there in front of me was our very own Portland "rain man"—the bronze guy that stands in Courthouse Square with the umbrella! I was caught completely by surprise! And my surprise quickly changed to annoyance. Chicago stole our man! A little plaque next to him informed me that he was placed there by some arts council based in D.C. (This is probably the same message I would read in Portland if I took the time) The least they could have done was to make the Chicago umbrella collapse from the wind! So much for regionalism.

The week of the convention fell smack in the middle of a big project deadline. So I had specs very much on my mind in picking the workshops and product vendors to see. I was particularly tuned to any bits of wisdom that could help improve the process of collecting and recording project information for construction documents—with a goal toward better documents. Fortunately there were a number of presenters that addressed my interests and I will try to summarize a few of the main points.

Early Participation

The first workshop presenter was Peter Jordan, a principal and specwriter in the Houston firm Mermes Architects, Inc and part time faculty member in the Architecture program at the University of Hawaii. His topic title was "Developing Specifications as Design Discourse." He talked about the value of the specwriter engaging a project early in its formation. By listening to, and participating in, the dialog about the design direction, structural systems and major materials the specification writer can start building an understanding of the project that helps give relevance to all subsequent decisions and knowledge that must eventually be documented for construction. He pointed out how a typical project begins with great ambiguity and little certainty and progresses toward a high level of certainty and hopefully little to no ambiguity. Additionally, when the spec writer is involved early, the design team has a strong resource for good decision-making. Peter noted that the specwriter to needs to collect early project information in formats that are flexible and easily modified as decisions change.

Intra-team Communication Tools

Peter shared with us a spreadsheet that is a communication tool for members of the design team and the specwriter. He said it addresses several needs: It gives a common reference for members who are developing drawing notes so that standard terms are used throughout. It is set up to begin to associate every material and system with a specific spec section early. Capable

specifications. This session reinforced some things we are doing in our office and gave some good suggestions for making them even more effective. I would be happy to share this with anyone who requests it.

Architect-Engineer Information Exchange

Document and building quality came under scrutiny also on the first day when the keynote speaker, Patrick Macleamy of HOK, declared that "the design and construction business was fragmented and declining in productivity, resulting in buildings that are too expensive and don't work very well." He said that the principal members of project teams—owners, architects, engineers and builders—all use different software which limits effective communication and coordination. Lack of coordination results in wasted time and productivity. He said this situation often puts the owner in the position of referee between the architects and contractors. His solution was to create design-build teams that could work together throughout the process, sharing tools, information and mutual expectations. He said making a building should look more like making an airplane. Whether we agree or disagree with his proposal, I think he stated a root problem—uncoordinated documentation for construction—fairly clearly.

Architects and engineers need to learn how to "talk" to each other better. This includes the exchange of information and dialogue of decision making, and the way in which our electronic tools communicate. I think CSI is in a good position to help the designer and the engineer improve their coordination and the products of better coordination, better documents and better buildings.



This photo is of Frank Gehry's outdoor performance facility in Millennium Park on the south edge of downtown Chicago. It is framed by the "Elevated" train system and an era that produced some pretty good buildings. One could analyze the conditions—design construction practices, competence in the building trades, the politics and economics of that time in comparison to our own, and maybe they would discover some insights that would benefit our current methods. It is

certainly reasonable to expect that, that with all the means at our disposal today we would be able to achieve a very high level of coordination and clarity of intent and execution in our projects.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Announcements are sent out to Share Group attendees approximately a week ahead of each meeting. If you do not currently receive the announcement and wish to, send an e-mail message to either Isaac Tevet (itevet@ffadesign.com) or Fred Herbold (fjherbold@comcast.net).

PERKY'S NOTES

By: *Perky Kilbourn, CSI*

In April, Lee and I traveled to the CSI National Convention. This event was held jointly with the 2004 TFM Show. It seems appropriate for me to report on my activities at this show for these notes.

We arrived in Chicago on Tuesday, April 20, 2004 in time to attend President Edith Washington's reception. A most festive occasion which included some singing around the piano. Wednesday, April 21, began with a 7:30 A.M. presentation entitled "Green Roof Specifications Standards". The presentation was made by SHADE Consulting and consisted of two parts Current Trends in Green Roof Construction and Elements of a Green Roof. If you need more information, most landscape architects know the history of Green Roof Construction.

At 8:45 A.M. I shifted gears slightly and attended the Specifiers Forum. The subtitle had me curious "Where are the new Specifiers coming from?" The panel had some good answers with ideas for implementation. The conclusions seemed to be that there will be more Specifiers, who will get respect from their Employers, when the Specifiers are more involved in the design process. Specifiers can bring value to the design process which value will be recognized by their employers.

Next came the Honors and Awards Session with Edith Washington presenting awards. The first keynote address was by Patrick MacLeamy, CEO, HOK, Inc. MacLeamy's topic was "Building Smart; Taking a Cue from Manufacturers". He thinks pre-assembly of building components would benefit the industry. An Industry Forum followed with representatives from the four areas from which CSI draws its members.

The four areas are :

1. The Owner,
2. The Architect
3. The Contractor
4. The Specifier.

It was a "Moldy" Thursday while I listened to talks about preventing mold and moisture problems in masonry construction followed by mold control using air barriers. CSI members were invited to hear the Total Facility Management (TFM) keynote speaker, Mac Anderson. I was very impressed and bought two of his books. The afternoon was then devoted to visiting the TFM exhibit booths.

Friday started with a presentation "How to get my product specified" by Valarie Harris. Some of her suggestions are appropriate for people who sell their services so felt my time was

well spent. Her first suggestion was don't pass off a problem with your product but help to solve the problem as quickly and as effectively as possible. Try to be in on the design discussions so you can suggest the best way to use your product. Be available during construction when your product is being installed. Determine who the decision makers are when trying to get your product specified.

Visiting with representatives in the exhibit hall was next and then Education Sessions in the afternoon. The "hot" topic seemed to be mold with two of the presentations containing discussion of molds. I suspect the interest in mold is because of the other presentation which was entitled "How the Courts Interpret Specifications." The last hour was about "Galvanizing Fundamentals". Several years ago I carried out some work for a company that performed galvanizing and this session helped me understand what that company did.

On Saturday morning I attended an education session on the new generation of Engineered Wood Products. Since we built our own home thirty some years ago and used laminated beams and columns, I understood what they were talking about. Exciting things are happening in the field of Engineered Wood Products with new shapes and sizes.

The Historic Rehabilitation of Dabney Hall was not quite as interesting to me but the presentation was well done. Viewing the floor plans helped me understand the speakers point. What the plans said and what had been constructed were not necessarily the same. The speaker did discuss some of the reasons for the discrepancies.

An Architectural Woodwork Seminar was my third Education Session. Since I know a little bit about wood, and understand how veneer is prepared, the technical information did not overwhelm me. In fact I was surprised at how much sense it did make. Did you know that you can "Match" between leaves, or within a single panel face in a room, panel to panel? Distinctive patterns in wood panels can create a fascinating room. I was excited by some of his examples. It wasn't just about pretty pictures. There was also a discussion of Factory Finishing - reasons for and against as well as wood preparation and the need to specify the color, stain, dye, filler and gloss of wood among other things. Attention to detail during design and construction seems produce a cooperative team approach.

Noon brought the Annual Meeting with a box lunch.

For me, this Annual CSI Show was well worth attending.

PRODUCT REPRESENTATIVE FORUM

By: Randy Tessman, CSI, CDT



I believe most product representatives approach presentations with a little bit of trepidation. If speaking in front of specification writers (you know, those guys that have all those technical questions?) doesn't

downright frighten a first time representative, I don't know what will. There are many aspects to presentations- accurate and complete information, proper communication skills, reliable technical equipment, and even using the proper catering service- that can, and sometimes does, affect the message and the messenger.

When I started doing presentations, representatives utilized flip charts to convey information. This was one step above stone age petroglyphs in their ability to dazzle an audience, but are still used effectively in programs that involve role playing and group participation. In some ways the flip chart is an effective tool to give a fresh perspective to those who have seen enough computer slide presentations.

Film strips and slides have indeed been replaced by the computer generated shows commonly used in presentations today. Multimedia is an effective communication tool and is what most of us are familiar with after years of being inundated with commercials and television shows. The problem with utilizing computer slides alone is that they tend to be misused with too many subject headings, illegible fonts, and too clever transitions. Computer slides tend to be most effective when using mixed media, including flip charts and videos or DVDs.

Another thing to consider is how to get your audience to take back to the office the important message you want to convey. If the group is large or time is constrained, it may be necessary to use a lecture format. This is where the speaker is in full control of how the information is presented. If the information is of a complex nature and presented to a mixed audience, however, a lecture can cause your audience to become disassociated with your subject. Some of you may recall the chemistry lectures in college where the students' eyes glazed over.

Mixed media would work extremely well in a lecture format to present complicated subjects. By offering different sights and sounds most of your audience will go along for the ride.

The other way to present information that is effective is the facilitation approach, where the speaker presents information and encourages the audience to participate. By utilizing questions, role-playing, problem solving, and group formation, the facilitator encourages understanding of key concepts and ideas that would be lost in a lecture format. The advantage is that members of the audience remember more of the subject the facilitator is trying to present.

Presenters have two methods for eliciting questions. One presenter may elicit questions throughout the presentation, another may leave questions until the end. The first approach requires a well skilled messenger who can keep the information on track. The second approach is more common and used effectively when time is limited.

As far as technical gadgetry to convey the message, it is imperative to utilize a what if thought process. What if the LCD lamp fails (do you have a spare lamp?); What if the computer is not available (can you use a slide projector or flip charts?) By approaching your fears with backup contingencies, a speaker has less to worry about when facing the audience. And please- if you are using computer slides- learn how to use the remote control.

If you are nervous speaking in public, I would suggest a few meetings at Toastmasters, an excellent organization to help with that aspect of your presentation. Most of all, make presentations a part of your life. You never know when the person you are speaking with may be working on a large project that requires your product.

NW REGION CONFERENCE

October 7 - 10, 2004

Top 10 Reasons You Need to Attend:

1. Seminars and Training for Owner's Architects, Specifiers, Engineers, Contractors, Manufacturers, and Product Representatives
2. Professional Leadership Training for Your Career
3. Three Educational Tracks:

Material Technology
Professional Development
Personal Growth

4. 24 Educational Programs to Choose From
5. Alderbrook Resort – A Northwest Tradition!
6. Networking with Leaders in the Construction Industry
7. Great Food, Great Friends, and Great Fun
8. Last Opportunity to Take the CSI Certification Exams Based on the “old” Manual of Practice
9. Mt. Rainier Chapter Golf Tournament on Alderbrook Resort's Award-Winning Golf Course
10. Learn to “Work Smart”

Educational Seminars

We are planning 24 seminars divided into three educational tracks:

Material Technology
Professional Development
Personal Growth

While we are still selecting speakers, planned seminars include:

Material Technology:

Principles of Wall Design
Metal Stud Framing Design and Installation
Air and Vapor Barrier Design and Installation
Insulating Systems Design and Installation
Interior/Exterior Gypsumboard Design and Installation
Masonry Systems Design and Installation
EIFS Design and Installation
Sealing Systems and Finish Design and Installation
New Sustainable Products

Professional Development:

Media Format and Developing Project Websites
The New Project Resource Manual
Electronic Specifications
Sustainable vs. Green – Differences and Similarities
MasterFormat 2004
Panel – What Architects Want from Product Reps
Leadership Training – Running Your Chapter

Personal Growth:

Time Management
Increasing Productivity through Technology
Selecting Stocks
Gourmet Cooking
Effective Public Speaking
Landscape Design and Maintenance
Are You Making the Right First Impression?
Stream and Salmon Run Restoration

All seminars are planned to provide practical tools to improve your effectiveness, save time, and “Work Smart”.



*A Conference so Spectacular that we had to Design and Build a New Landmark Resort to Host It –
Alderbrook – A Northwest Tradition
7101 E. State Hwy 106, Union, WA
On Hood Canal*

Just to get your juices flowing and to let you know what kind of competition you will be facing this year at our 2004 outing, scheduled for August 20th at Lewis River, we decided to post the winners from last years tournament.

Flight A---The most prestigious flight. The Kawneer/Old Castle team squeaked by.

Comment--- Too many sales people with too many off hours.

Flight B--- The wannabe an A team. NW Natural Gas team blew them away.

Comment --- Their name says it all.

Flight C--- This flight is dedicated to the Contractor firms that field a full team. Todd Hess Builders aced it and they received a very handsome trophy which is up for grabs this year.

Comment ---What happened to Baugh's Bunker Bunnies, Hoffman's Hookers and Swinerton Swingers; we need some competition out here?

Flight D--- This is the honest flight where most of us belong. Bailey Sales team won, by having the low score on the high handicapped hole.

Comment--- A sales team won? Get a life guys.

Booby Prize--- Custom Windows Co. Team with a score of 82.

Comment--- They did not have an eraser and had to use the correct score.

The rest of us sat back and collected some excellent prizes from our very generous sponsor's during our raffle.

Each year, thanks to Erica's persistent nagging and pestering the tournament grows and the rewards get more plentiful. Erica suggest signing up early as the field will be limited and we had to turn players away last year (don't be one of them). Contact Erica today and get registered. 360-567-2910 or email her at ebitterman@precisionimages.com

By: Ray Totten, CSI,

CSI Outreach Committee is under way!
BE PART OF THE SOLUTION is our slogan.

It has been written that behind every successful man there is a woman. I have to agree with this statement. Without the persistence of Amy Clements (student member) to get me to have our first meeting, we would not have achieved this milestone. On March 27, five of the seven-committee members came together to start the ball rolling. I also have to thank Cherie McNabb, Chris Irwin and Denise Carpenter for their constant encouragement. But it was Amy who needed a senior class project that approached me with the idea of using the committee to write a white paper, develop a mission statement and to document the first meeting for her Project Management class project. **THANKS** Amy.

We are still working on our mission statement and I will print it in a later article once it is complete. We discussed ways and approaches of getting information on people and places for us to reach out. The one idea that we all agreed upon was that we should start with our own and see if there is anyone within CSI that we could help first. We have developed a form asking for information on anyone that may be of need within our community. These forms will be available at the June meeting. We felt that this form would allow us to sort requests and prioritize them. Please look for Amy, Denise, Chris or myself to get a form. Remember, no job is too large or small. (Well, maybe some of the jobs would be too large.)

We are also going to start asking you to empty your pockets of change (coins only) at the meetings so that we can purchase small items such as toothbrushes, toothpaste, soap, deodorant, etc. for various shelters in the Portland area.

Again, thanks to the six volunteers for this committee. We will be asking for your help in the future and please be prepared to assist when asked.

PORTLAND PRODUCTS FAIR RECAP



NW REGION DIRECTORY PDF INSERTED HERE.

THE CONTACTS

PORTLAND OFFICERS & DIRECTORS

President

Cherie McNabb, CSI, CDT.....360-600-8444

President Elect

Scott Dicker, CSI, CDT.....503-572-9835

Immediate Past President

Jim Wilson, CSI, CCS, AIA.....503-222-1917

Secretary

Doug Allen, CSI.....360-263-0049

Treasurer

Dennet Latham, CSI, CCS, AIA.....503-423-3998

Executive Director

Jane Phifer, CSI...503-805-2500 or 503- 399-7312
CSI Office - P.O. Box 5116, Salem, OR 97304

Director, Professional 2002-2004

Michael Wilson, CSI, CDT.....503-226-6950

Director, Professional 2002-2004

Bob Schroeder, PE, CSI.....503-227-5280

Director, Professional 2003-2005

Ray Totten, CSI, CCS, AIA503-635-4425

Director, Industry 2002-2004

Carolyn Miller, CSI, CDT.....503-260-7744

Directory, Industry 2002-2004

Joe Bolkovatz, CSI.....503-978-0800

Director, Industry 2003-2005

Denise Carpenter, CSI..... 503-720-3005

COMMITTEE LEADERS

Archives/Historian

Margie Largent, CSI.....503-620-6573

Awards

Denise Carpenter, CSI..... 503-720-3005

By-Laws

Ken Searl, FCSI, CCS.....503-362-3472

Certification

Scott Dicker, CSI, CDT.....503-572-9835

Editor

Jane Phifer, CSI.....503-805-2500

Education

Jim Wilson, CSI, CCS, AIA.....503-222-1917

Continuing Education

Skip Brown, CSI, CCS.....503-222-1917

Golf Tournament - Co-Chairs

John Armstrong, CSI.....503-579-2477

Erica Bitterman, CSI..... 503-274-2030

Library

Perky Kilbourn, CSI.....503-244-1778

Membership - Co-Chairs

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Pat Murphy, CSI.....503-285-4557

Nominations

Jody Moore, CSI, CDT.....503-284-6799

Operations Guide

Ken Searl, FCSI, CCS.....503-362-3472

Orientation

Michael Muhle, CSI, CDT.....503-284-6799

Planning

Curt Austin, CSI, CCPR.....503-238-1253

Product Rep Share Group

Randy Tessman, CSI.....503-318-8046

Products & Services Fair - Co-Chairs

Cornelia Gibson, CSI, CDT.....503-624-7444

Ellen Onstad, CSI, CDT.....503-225-0361

Programs - Co-Chairs

Jody Moore, CSI, CDT.....503-284-6799

Scott Dicker, CSI, CDT.....503-572-9835

Publicity

Jane Phifer, CSI.....503-805-2500

Specifiers Share Group & Technical

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Isaac Tevet, CSI, AIA.....503-222-1661

Student Affairs - Co-Chairs

Randy Tessman, CSI.....503-318-8046

Igo Jurgens, CSI, AIA.....503-223-0992

Student Affiliate

Rudy Barton.....503-725-3339

Webmaster

Rick Heiserman, CSI, CDT, AIA.....503-892-1321

REGION COMMITTEES

Academic Affairs

Loren Berry, CSI.....206-223-5052

Archives

Bob Hesselstine, CSI, CCS.....503-765-0374

Awards - Co-Chairs

Leo Emerson, CSI, CDT.....206-870-1976

Certification

Brian Keil, CSI, CCPR206-763-0300

Education

Perry White, CSI, CDT.....888-284-6799x25

Membership

Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400

Newsletter/Website Editor

Robert D. Kenworthy, CSI, CCS...253-931-4826

Region Conference Direction Committee

Art Nordling, FCSI, CCS.....509-838-8681

Region Operating Guide

Ken Searl, FCSI, CCS.....503-362-3472

Region Trustee

Larry Barger, CSI, CCS.....360-943-4650

Strategic Planning Task Team

Colin Maynard, PE, CSI.....907-274-2236

Technical

Tom R. Deines, CSI, CCCA.....541-485-1700

Webmaster

Rand New, CSI, CDT.....541-688-5594

Portland Website
www.portlandcsi.org

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)

Dan Graham, CSI, CDT.....907-261-9203

Puget Sound, Seattle, WA (Second Tuesday)

Andrew Estep, CSI.....206-382-3393

Mt. Rainier, Tacoma, WA (First Thursday)

Jerry Litwin, CSI, CCCA.....253-584-5207

Spokane, WA (Second Thursday)

Mark Elliott, CSI, CDT.....509-624-4281

Portland, OR (Second Tuesday)

Jane Phifer, CSI.....503-805-2500

Capital, Salem, OR (Third Thursday)

LaVone Clausen, CSI.....503-371-2070

Willamette Valley, Eugene, OR (Last Thursday)

Rodd Hansen.....541-687-9600

Idaho, Boise, ID (First Tuesday)

Jon Farren, PE, CSI, CDT.....208-429-1307

INSTITUTE DIRECTORS

2001-2004

Jeff Callahan, CSI, CCCA

Ph: 907-786-6425 Fax: 907-786-6444

Email: afjcl@uaa.alaska.edu

University of Alaska Anchorage

PO Box 104882

Anchorage, AK 99510

2003-2006

Rick Heiserman, CSI, CCCA, AIA

Ph: 503-245-7100 Fax: 503-245-7710

Email: rickh@amaa.com

Ankrom Moisan Associated Architects

6720 SW Macadam Avenue, Suite 100

Portland, OR 97219

Region Website
www.csinwr.org

June 2004

Sun Mon Tue Wed Thu Fri Sat

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

6/1 CSI Board Meeting
6/8 CSI Chapter Meeting, tour Meier & Frank Warehouse Conversion project, dinner following at Princeton Ballroom
 6/10 CSI Specifiers Share Group Meeting
 6/24 CSI Specifiers Share Group Meeting

July 2004

Sun Mon Tue Wed Thu Fri Sat

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

7/8 - 7/10 CSI University, San Antonio, TX



Portland Chapter CSI
 PO Box 5116
 Salem, OR 97304