



Knowledge for Creating
and Sustaining
the Built Environment

The Predicator

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Portland, Oregon Chapter — The Construction Specifications Institute

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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 Grasl, 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

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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

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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



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