

the PREDICATOR

improving the process of creating and sustaining the built environment

JUNE AWARDS PRESENTED AT PORTLAND CLASSICAL CHINESE GARDEN *garden of awakening orchids*

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VOLUME 41, No. 1

Portland Chapter CSI
Monthly Newsletter



Portland CSI presented an intimate visit to the Portland Classical Chinese Garden. On June 12, we visited this lovely setting for dinner and a tour, followed by the presentation of awards. This year, our Chapter again received the Institute's Outstanding Chapter Commendation. Following are this year's award winners.

President's Certificates

Jim Wilson, Program Chair: for his delightful intelligence, unbridled enthusiasm, and curiosity about everything.

Cherie McNabb, Products Fair Co-Chair: for her motivational leadership, insight, will power and good humor.

Cornelia Gibson, Products Fair Co-Chair: for her vision and commitment, for creating additional value for attendees and involving member volunteers.



Education Award

Igo Jurgens, Student Affairs Chair: for developing a vibrant Student Affairs program and establishing a Student Scholarship Award.

Craft Proficiency Award

Robertson, Merryman, Barnes Architect: The Portland Classical Chinese Garden. *With special thanks to Candace Robertson.*

Organization Certificates of Appreciation

Hoffman Construction: for hosting industry professionals on tours of projects in construction. Evergreen Aviation Tour September, 2000. *With special thanks to Jim Dill.*

Ankrom Moisan Architects: for sharing design insights and construction experience at projects in construction. Evergreen Aviation Tour September, 2000. *With special thanks to Charlie Matschek.*

C.A. Newell Co: for chapter support through sponsorships and volunteer support. *With special thanks to Gary Ness*

Technical Award

David Shelman, What Do You Say? for sharing the experience of the Specifier's Group in monthly articles in the Predator.

Chapter Past President Award

Jody Moore, In recognition of her devoted and selfless contribution to the Institute and the Chapter while serving as Chapter President from 2000-2001.

president's message

By Jim Wilson, CSI, CCS, AIA



At the June Directors' meeting a resolution offered by the Long Range Planning committee was approved adopting a mission statement for the Portland Chapter. This now appears under the *Predicator* masthead, "...improving the process of creating and sustaining the built environment."

Our mission embraces the entire range of construction activity from infrastructure and civil engineering through to new construction, restoration and facility maintenance. With our diverse membership, there is much CSI and our Chapter can offer the construction community. By collaborating with other professional societies, there is much we can gain ourselves.

Challenges we must be alert to, and the opportunities we should create. Please share your insights about the Chapter with your Directors and Officers; raise concerns you may have about services, advise us of ways that membership in the Chapter can be made more valuable for you.

At the June meeting in the delightful Garden of Awakening Orchids, I noted that CSI exists for one reason - to benefit each of us as a member. Therefore, if our Long Range Plan is going to benefit each of you; it must be shaped by each of you. If our Plan is going to inspire us it must embrace the aspirations of each of us. If our plan is going to succeed, future leaders must transform it into action. Those people you inspire to participate in CSI; those people we mentor as future Chapter leaders, and those people who will be thanked and acknowledged for their contributions in years to come!

2 As a complement to this exciting mission statement I have a theme of my own to offer for this year that may be summarized as: "The future, Live it!, or live-with-it!" It means that we either collectively plan for and forge our future, or we allow events to define our course for us and simply live with the consequences. We must actively plan our future if the Portland Chapter is to continue as a robust and distinguished organization.

An essential aspect of our Long Range Plan must be to identify the principle challenges facing the Chapter and provide for effective strategies to resolve those challenges. To this end I note the insight of Albert Einstein,

"Problems can not be solved at the same level of awareness that created them."

If we are to create an effective Long Range Plan, we must elevate our awareness of the problems, challenges and opportunities facing the Chapter. I believe the most effective means of achieving that is to have the broadest possible input from Chapter members identifying the problems, the chal-

To support the Planning effort, I have asked each member of the Board to attend the Chapter Long Range Planning workshop at the Region Leadership meeting September 15. This workshop will be lead by Mr. Bud Crouch and provides Chapters with the highly effective Process the Institute followed to build the Institute's Long Range Plan. Following that process a work session is being scheduled for mid-November to draft our Long Range Chapter Plan. During September and October I ask each of our members to get in touch with the Chapter Directors and Officers - call them on the phone, speak with them at the Chapter Meetings, write a note or send an e-mail - and offer your insights as to what this Plan should be and must be! Additionally, please speak with other members about their views and encourage them to share their ideas with us too. With our awareness raised via the diverse insights of our members, and following the effective Institute planning process we shall plan a future that ensures the vitality of this Chapter and enhances the value of membership in it for years to come.

We are planning the future here this year; don't let it happen without you!

In the Home Improvement Column of our local newspaper one writer stated that one of their bathroom showers gives a slight electrical shock when touching the handle to turn off the water. A local electrician stated that the flowing water itself can create an electrostatic charge. Correction method was to connect the hot and cold water piping at water heater with a #6 solid or #8 stranded bonding jumper cable between hot and cold water pipes. This apparently applies to houses with copper or galvanized steel piping. I have never heard of such an item but as they say, anything is possible. If any of you readers have any experience or information regarding this subject please pass information on to me for later publication. Question: Is it possible to get a slight shock as stated above? It seems to me that if one gets a shock, the handle is in contact with a hot wire and touching the handle partially grounds through the person. If so, then someone better investigate electrical wiring for an illegal connection.

In attending the CSI National Convention in June one of the programs was entitled "Moisture Related Flooring Failures: Dispelling the Myths" presented by Robert Higgins of Sinak Corporation. One item grabbed me and that was Sinak's Dome Test Vapor Emission Measuring System. It is reusable and does not require much cleanup. It is 5 to 10 times faster than conventional kits. Retrieval is 80 to 90 percent less than other kits. Only cost is for calcium chloride — about \$2.00 per test. Materials and procedures are fully compliant with ASTM Standard Practice E 1907-97. You may contact Sinak Corporation, 861 Sixth Avenue, Suite 411, San Diego CA 92101. Tel: 800-523-3147. You may also contact me at 503-362-3472 Tel/Fax and I will fax or mail you a copy of Sinak's flier.

Another item of interest is an announcement on July 23rd by the World Floor Covering Association taking a stance on concrete Moisture Vapor Testing. You may obtain a copy by contacting World Floor Covering Association at 800-624-6880 and also from me or our local affiliate Floor Covering Industry Fund at phone and website listed below. Basically what this paper is all about is they feel floor covering contractors should not be responsible for concrete moisture vapor tests. Announcement lists many factors to consider but the bottom line is that the testing should be done by approved testing agencies. I agree most emphatically. On page 4, they list two items: First, is a blotter layer, and if

included, is in compactible or non-compactible type. If this is referring to sand or gravel fill over a vapor retarder/barrier, then it is not correct, because one should never specify this item. Another item they list is what curing methods are used, including curing compounds. Curing compounds should never be used. It is noted that Floor Covering Industry Fund in Portland has a publication regarding preventing Floor Covering Problems. Contact them at www.sigfloor.org or call 503-760-5109.

My specifications state testing be done by an independent testing firm and is cross referenced to Section 01450 Quality Control. This sounds OK, but who selects testing lab and what methods are they required to use? I have reworked my master for Section 01450 Quality Control to cover this situation. Solution includes requiring Sinak's Dome Test equipment. I will send you a copy upon request.

the real world

By Ed Loy, CSI, CDT

3

LITTLE-KNOWN HISTORICAL FACTS: THE ORIGIN OF U.S. SUBURBIA.



AUGUST 1956, A MCDONALD'S FRANCHISE IS CONSTRUCTED ON 2,600 VIRGIN ACRES NEAR PORTLAND, OREGON. MANY HOUSES, A FREEWAY, TRAFFIC CONGESTION AND THE BEAVERTON MALL SOON FOLLOW.

the CALENDAR

Portland Chapter CSI Events

Join us the second Tuesday of the month at
The Princeton Building, 614 SW 11th Avenue

- Sept. 11 2001 Project Tour**
Tour a new Portland project followed by dinner with the architect and contractor. (1.5 HSW)
- Oct. 24 ARCHITECTURE WEEK**
Note the date...The third Wednesday!
Our special guest will share insights and observations about architecture and living in the city. Dinner Meeting (1.5 HSW)
- Nov. 13 Changes in the Work - Establishing Fair Value and Getting Paid**
Change happens—and all the parties have an interest. Join our panel for a lively and challenging discussion. Dinner Meeting. (1.5 HSW)
- Dec. 11 Recognizing Excellent Owners and their Projects**
Join us for our second annual December Owner recognition for excellence in design and construction.

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 360-901-0269
(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767
(meets every other Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predictor*, Dianne Kuykendall (503) 631-3782 or Education Chair Mark Serhus (503) 417-4447.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

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Region & National CSI Events

- Sept. 14-16 Leadership Conference**
Planning Strategically
Learn a simple and effective approach to strategic planning that will benefit your chapter and your business.
- May 22-26 Conference 2002**
Banff, Alberta Canada
Joint CSI NW Region and CSC National Conference. Plan now to attend!
- June 27-30 The CSI Show 2002**
46th Annual Convention & Exhibit
Las Vegas, Nevada
Las Vegas Convention Center



For further information about these events, please call the CSI office: 503-297-2162.

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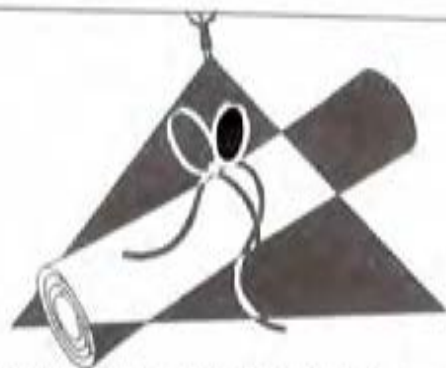
Get the Info & the Specs

PREVENT FLOORING PROBLEMS

Visit our Web-Site: www.sigfloor.org

Architects/Spec Writers/Soils Engineers/Contractors

the ANNOUNCEMENTS



We are proud to present this list of successful certification candidates. These individuals have worked hard to achieve this recognition.

CDT

Mr. Richard E. Alexander, CSI, CDT
Mr. Douglas W. Ashton, CDT
Mr. Thomas R. Benschoter, CSI, CDT
Mr. Kevin O. Clark, CDT
Ms. Marilyn L. Court, CDT
Mr. Adrian M. Dyer, CSI, CDT
Mr. Eric J. Folden, CDT
Ms. Sarah Lynn Garrett, CSI, CDT, AIA
Mr. Jon R. Grasley, CSI, CDT
Ms. Gail L. Hochhalter, CDT
Mr. Sean A. Jackson, CSI, CDT
Mr. Willard Dean Jenks, CDT
Mr. Geoff S. Kittell, CSI, CDT
Mr. Paul Klein, CSI, CDT
Ms. Carolyn Miller, CSI, CDT
Ms. Joan Petersen, CDT

CCS

Mr. David Shelman, CSI, CCS

CCCA

Mr. Stewart W. Cleave, CSI, CCCA
Mr. Robert B. Hoffmann, CSI, CCS, CCCA
Mr. Eric K. Money, CSI, CCCA

Additionally, we want to thank our team of instructors. We have increased our pass rate for the CDT exam to 80%! For those wishing to participate in the exams or the classes next year, please contact Ray Totten at 503-635-4425 or e-mail at ray@archbbl.com.

Portland Chapter CSI extends our sincere thanks to the following sponsors of the 2001 Golf Tournament.

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8. Oregon Contractors Plan Center
9. Benson Industries
10. Ingersoll-Rand
11. J.S. Perrott & Co.
12. Armstrong Flooring
13. North Western Industries
14. NU-Matic Finishing
15. Daily Journal Plan Center

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3. Western Oregon Door
4. Pac West Communication

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3. Oregon Contractor Plan Center
4. Pac West Communication

Raffle Prizes

1. T & A Supply
2. Precision Image
3. Nu-Matic
4. Pro-Spec

GOLF



NW Region Conference, Girdwood, Alaska,
May 16-19, 2001
Cook Inlet - Host Chapter

We ostensibly went to Aleyska for a business meeting. Sure, turned out to be moose business, fishy business, and a lot of whale watching business.

The usual suspects showed up - about 100 hale and hearty souls - ready to do good things.

The theme of the conference, Design & Construction Challenges in the NW was underscored by speakers at the education sessions as well as luncheon speakers.

Dr. Ray Pastorino started us off with Conflict Resolution - a necessity when you considered the speakers to follow — Living with Avalanches, Flooring/Concrete Moisture Solutions/Acoustics/Vibration - Noise Control to name several.

Thursday evening entertainment - a 160-photo slide show (in 10 minutes) depicting the variety and beauty of Alaska - this presented by Jeff Schultz, Anchorage photographer.

Jon Kumin, AIA, CSI, CCS president of Kumin Associates discussed common mistakes occurring in construction in Alaska. It doesn't pay to underestimate the difficulties dealing with perma-frost, as his slides made painfully clear. It's a whole different world up there people!

Leo McGlothlin, AIA, CSI, CCS, Lee Holms, PE, CSI, CCS, Pat Cusick, PE, CSI, CCS and Ken Searl, FCSI, CCS presented a panel discussion - How to get Specified. So besides being Clear, Concise and Correct - it still boiled down to: Treat the manufacturer's representative with respect and listen to what they have to say. Sometimes just having the binder in your library doesn't tell the whole story!

Annette Wren - discussed CSI Leadership Secrets of Attila the Wren.

Saturday, we had birds for lunch - just to talk about - a beautiful bald eagle (sat on our shoulder) and a very wise owl. Presented by The Bird Treatment and Learning Center of Alaska. Henry Springer, Civil Engineer and Executive Director of AGC, Alaska Chapter also discussed Construction in Alaska.

By far the most engaging and interesting program was presented by Jon Kumin, Dennis Berry, PE, Steve Theno, PE and William Henriksen, PE. - Design and Construction in Antarctica. Their experiences at the 'bottom' of the world, designing and constructing the Amundsen-Scott Station Redevelopment Project at the South Pole were awe-inspiring and daunting in the problems encountered - i.e., how to get water to the station - drill thru the snow field - maybe 100', the heat of the drilling forms an ice casing - at the bottom, heat the area, the melted snow becomes the water needed. A similar plan took care of waste water. This in an area that receives as little as 8" of snow a year - but the wind blows without ceasing - creating drifts that cover buildings in that same year. Not my kind of country.

Now you may think no business was conducted - but you would be wrong! We reached consensus about merging the NW Region Leadership Conference with NW Region Conference. This will happen in 2003.

The moose - yes, two of 'em were seen wandering around the parking lot - looking for what else? A place to park. Even in Alaska..... I think the fishermen were happy with their day on the water. We had salmon at lunch and dinner several times.

nw region conference continued

And we lost a portion of our audience when the cry arose ... "whales are spouting in Tournagin Arm ... let's go!"

We took the tram to the nearest 'mountain' just outside our hotel window. About 4000' - beautiful scenery all around - we could tramp in the snow if we wished. Later, as we lay in our beds, still daylight at 10:30 p.m., watching, watching - perhaps a bald eagle, perhaps an owl - we slept.

I enjoyed this conference. Cook Inlet did a great job — Thank you all.

See you next year at Banff!



the MEMBERSHIP

NEW MEMBERS, MARCH 2001 THROUGH JUNE 2001

The following individuals joined the Institute and Portland Chapter between March 2001 and June 2001. The information given is according to Institute records (with Classifications and other data in italics from the Membership Committee). Corrections should be made on the Internet at www.csinet.org by following the prompts.

Mr. Tony Ashburn, CSI is a Distributor, with Exterior Systems. Address: 1145 Fisher Ave. Medford, OR 97501. Phone: 541-858-8898, Fax: 541-858-0712. *Portland Area Office: 705 SE Victory, Suite 100, Vancouver WA 98666, Phone: 360-694-6747 or 800-328-7177, Fax: 360-694-7875 or 800-205-6695. Classification: 07240.*

Mr. David Carlson, CSI is a Consultant, with Munters MCS (*Moisture Control Services*). Address: 2373 NW 185th Avenue Suite 240 Hillsboro, OR 97124. Phone: 503-693-3111, Fax: 503-693-6345.

Ms. Melanie Demerschman, CSI is a Manufacturer's Representative, with Sierra Pacific Windows. Address: 4423 SE 50th Ave. Portland, OR 97206. Phone: 503-775-4762 or 800-824-7744, Fax: 503-775-3904, e-mail: mdemerschm@SPI-IND.com. *Classification: 08550.*

Mr. Todd R. Duwe, CSI is a General Contractor, with McCarthy Building Company. Address: 234 Forest Cove Road West Linn, OR 97068. Phone: 503-643-6700, Fax: 503-646-4900, e-mail: tduwe@mccarthy.com (*from Capital Chapter*)

Mr. Timothy J. Gauthier, CSI is Association Personnel, with NECA Oregon-Columbia Chapter. Address: 601 N. E. Everett Street Portland, OR 97232. Phone: 503-233-5787, Fax: 503-235-4308, e-mail: tim@orecolneca.org.

Mr. Jim Giger, CSI is a Material Supplier, with Thermafiber. Address: 7610 SE 30th Ave. Portland, OR 97202. Phone: 503-775-0438, Fax: 503-775-0438, e-mail: jimgiger@att.net.

Mr. Steven R. Gray, CSI is a Manufacturer's Representative, with Rodda Paint Co. Address: 321 SE Taylor Street Portland, OR 97214. Phone: 503-233-6016, Fax: 503-234-8170, e-mail: sgray@roddapaint.com. *Classification: 09900.*

Mr. Dick Heijdeman, CSI is an Architect. Address: 1225 SE Pershing Portland, OR 97202. Phone: 503-235-7929, Fax: *same, call first.*

Mr. Stephen A. Hubbard, CSI is an Association Executive, with Masonry & Ceramic Tile Institute of Oregon. Address: 3609 SW Corbett, Suite #4 Portland, OR 97201. Phone: 503-224-1940, Fax: 503-241-4807, e-mail: shubbard@mioctio.org. *Steve was with Puget Sound Chapter.*

Ms. Susan L. Kem is an Architect. Address: 3439 SW Hamilton Street Portland, OR 97201. Phone: 503-241-3439, e-mail: slk-designer@home.com.

Mr. Jonathan (Jon) Knutson, CSI is a Manufacturer's Representative, with Rodda Paint Co. Address: 12000 SW Garden Place Portland, OR 97223. Phone: 503-572-8196, Fax: 503-521-4410, e-mail: jknutson@roddapaint.com. *Classification: 09900.*

Mr. Allen Kullgren, CSI is a Sub Contractor, with Artek. Address: 9790 SW Sunshine Court Beaverton, OR 97005. Phone: 503-641-6877, Fax: 503-641-7090, e-mail: allenk@artek-usa.com. *Classification: 06400.*

Mr. Ed Lockett, CSI is a General Contractor, with Star Masonry. Address: 10914 NE 39th St. #B2 Vancouver, WA 98682. Phone: 360-514-8222, Fax: 360-514-8227.

Mr. Dale Lucas, CSI is an Architect. Address: 2448 NW Savier St Portland, OR 97210. Phone: 503-624-3119, Fax: 503-624-3001.

Mr. Tim Mather, CSI is a General Contractor, with MCM Construction, Inc. Address: 1590 Fernwood Drive Lake Oswego, OR 97034. Phone: 503-699-9600, Fax: 503-699-9700, e-mail: tim@mcmbuild.com.

the MEMBERSHIP continued

Mr. Scott Riley, CSI is a Manufacturer's Representative, with Miller Paint Company. Address: 12812 Whitaker Way Portland, OR 97230. Phone: 503-255-0190, Fax: 503-255-0192, e-mail: sriley@millerpaint.com. *Classification: 09900.*

Mr. Barry Rowland, CSI is a Construction Manager, with HDR Engineering, Inc. Address: 16060 SW 85th Street Tigard, OR 97224-5582. Phone: 503-624-4695, Fax: 503-624-4697, e-mail: browland@hdrinc.com (from Oklahoma City Chapter).

Mr. Dan E. Tum-Suden is a General Contractor. Address: P.O. Box 707 Beaver Creek, OR 97004. Phone: 503-349-2635, e-mail: dannot@betonline.com.

Mr. James N. Van Duyn, CSI is an Architect. Address: 2195 Main Street Baker City, OR 97814. Phone: 541-524-1777, Fax: 541-524-1776, e-mail: jvanduyn@soni.com.

Mr. Daniel Varga is a Student at P.S.U. Address: 28277 SE Highway 224 Eagle Creek, OR 97022. Phone: 503-637-6544, e-mail: varga@pdx.edu.

Mr. Bruce Ward, CSI is a Project Manager, with Western Partitions, Inc. Address: 8300 Hunziker Rd. SW Tigard, OR 97223. Phone: 503-620-1600, Fax: 503-624-5781, e-mail: bruce@westernpartitions.com. *Classifications: 09200, 09500.*

Mr. Elliott Yehia, CSI is with National Glass Ltd. Address: P.O. Box 6002 Beaverton, OR 97007. Phone: 503-317-1950, Fax: 503-590-9814, e-mail: ellioty01@hotmail.com. *Classification: 08800.*

RENEWING MEMBERS IN 2001

APRIL 2001

Benschoter, Thomas R., CSI, CDT
Brown, Alan Larry, FCSI
Conner, Howard Philip, CSI
Dunaway, Sue M., CSI
Duwe, Todd R., CSI
Fletcher, Richard, CSI
Geddes, Don, CSI
Gehlen, Joseph C., CSI
Goble, Ernest, CSI
Good, Greg, CSI, CCCA
Grasle, Jon R., CSI, CDT
Halliday, Verne R., CSI
Harris, Jerry C., CSI
Harris, Scott W., CSI
Hart, L. David, CSI
Kuykendall, Dale A., CSI, CCCA
Lape, John B., FSCI, CCS, AIA
Lee, Gordon L., CSI
Lee, Ronald R., CSI
Milanowski, Erica D., CSI
Morris, Jamie, CSI
Muhle, Michael R., CSI, CDT
Murphy, Ian, CSI
Pethiyagoda, Nishan, CSI
Robertson, Candace L., CSI, CCS
Robinson, J.C., CSI
Roedel, Randall J., CSI

Sawyer, Paul CSI
Schaefer, Joan A., CSI, CCPR
Schiller, Robert D., CSI
Spencer, Tim W., CSI
Stewart, Frank, CSI
Trapp, Patricia A.
Waddell, James, CSI
Walker, George J., CSI
Webb, Robert G., CSI
Welsh, David G., CSI
White, Perry, CSI, CDT
Wundram, Edward C., CSI, AIA, DBIA

MAY 2001

Adams, Dan, CSI
Allen, Doug, CSI
Bartoletti, Stacy, CSI
Beasley, Mark, CSI
Brown, Bruce C., CSI
Carlton, Dave, CSI
Chomowicz, Fred, CSI
Cloud, Robert K., CSI
Daniels, Peter F., CSI
Davis, Jerry, CSI, CDT, AHC
DeBonny, Mike, CSI
DeRosia, Art, CSI, AIA
Dooley, Robert, CDI, CDT
Dusa, Richard, CSI

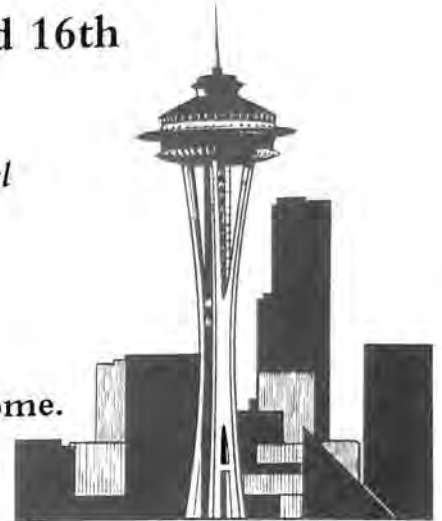
Dzioba, Ken L., CSI, CDT
Eggleston, Donald D., CSI
Gannaway, Tom, CSI
Hesseltine, Robert N., CSI, CCS
Huerta, David A., CSI
Hungerford, Darrell, CSI
Hurst, Terry L., CSI
Jenson, Lowell A., CSI
Kehrl, John C., CSI
Kittel, Geoff S., CSI, CDT
Labadie, Marc A., CSI
Layman, Paul, CSI
Lee, Brian D., PE, CSI
Luey, J. Min, CSI
Madias, Michael, CSI, CCS
Mahaffey, Cynthia, CSI
McBride, Richard, CSI
Milne, Gary S., PE, CSI, CDT
Milsten, Dennis, CSI
Murphy, Patrick M., CSI
Nelson, Stanley W., CSI, CCS, CCCA
Osborn, David W., CSI
Percival, Joseph D., CSI
Rudolf, Heinz K., CSI
Rusch, Loy K., CSI
Schrader, Charles R., CSI
Stewart, David J., CSI
Wolf, Eric, CSI

the **REGION NEWS**

2001 Northwest Region CSI Leadership Conference

September 14th, 15th and 16th

*Seattle Marriott SeaTac Hotel
3201 South 176th Street
Seattle, WA 98188*



Featured Presentation:

Strategic Planning - At Work, in CSI and at Home.
Presented by Bud Crouch

Bud Crouch's Strategic Planning Workshop was one of the most highly rated educational and training sessions presented at the 2001 CSI National Convention in Dallas, Texas. This session teaches strategic thinking and planning skills for use in business, professional organizations and your life. Plan to attend.

10

Schedule:

- Friday Afternoon - Certification Exams
- Friday Evening - Welcoming Mixer
- Saturday Morning - Strategic Planning Workshop
- Saturday Afternoon - Strategic Planning Workshop and Leadership Training
- Saturday Evening - Dinner and Hospitality Suite
- Sunday Morning - Region Meetings and Roundtable Sessions

Registration: \$50.00 (to cover meal cost)

Hotel Rooms: Single or Double - \$79.00 + tax per night

Call the SeaTac Marriott at (206) 241-2000 for reservations - be sure to tell them that you are with CSI to get the conference rate.

Registration forms will be distributed in mid-August.
For information - call Bob Kenworthy at (253) 931-4826 or
by E-mail at bkenworthy@mx.auburn.wednet.edu

My topic for this issue of *The Predicator* is the National CSI Convention held in Dallas on June 20 to 24. As usual, I attended the program for "significant others - partners - spouses" as well as a couple of the technical sessions.

Wednesday: Enjoyed the Dallas Landmark Tour, especially two items: The Cattle Drive Sculpture called Pioneer Plaza - "the world's largest bronze monument" consists of three life-size cowboys on horses with a herd of 40 longhorn steers. They all appear to be going down a slope and across a small stream - It looks like an actual cattle drive - very realistic.

Wilson Historic District - Each house on these few blocks is a restored Queen Anne Victorian mansion. A non-profit organization can use a mansion if it can prove it is doing what it said it would do to retain its non-profit status.

Thursday: Was a tour of Fort Worth with the appropriate title "Cowboys and Culture." We rode to Fort Worth where we toured a Stock Yard, with small areas within the Stock Yard

having been converted to individual shops. The "culture" was provided by tours of two Art Galleries and a Botanical Garden.

Friday: Bus toured through an older residential section of Dallas, walked around the Thanks-Giving Square, the Dallas Arboretum-Botanical Garden and saw Chinese Bronzes, Jade and Chinese Script at the Trammell & Margaret Crow Collection of Asian Art.

Saturday: Viewed the CSI Convention Exhibit Floor, followed by Socializing, the Presidential Gala and Cordials, Coffee and Conversation with National CSI President Jim Chaney and Linda Bowman.

Sunday: Attended the Nondenominational Church Service and the CSI Closing General Session - Annual Meeting and Member Forum.

Conclusion: Met a couple of interesting women, JoAnn from Massachusetts and Katie from Louisiana and had a most enjoyable time.



Conference 2002 Banff, Alberta, Canada



*Technology Transfer
Beyond Borders*

*May 22 - 26, 2002
The Banff Centre*

National Conference
Construction Specifications Canada
Calgary Chapter

Region Conference
Construction Specifications Institute
Northwest Region

the **NEWS FROM THE INSTITUTE**

Environmental News

More Pollution Prevention Needed

The Environmental Protection Agency (EPA) should increase its efforts in measuring pollution and encouraging companies to reduce pollution, says a new report by the U.S. General Accounting Office.

Preventing pollution and finding cost-effective ways to meet environmental requirements is much more feasible today than it was in the past, according to studies by state agencies and other organizations cited in GAO's report.

However, the GAO says there is still room for improvement. Despite many incentives for companies—such as profitability and positive public relations—technical challenges and financial uncertainties have kept some from using pollution prevention techniques. Even though treating and disposing of pollutants has helped on the environmental front, newer regulations have targeted preventing pollutants at their sources.

-From Engineering Times, May 2001 issue.

Industry News

Target Stores Specifications Simplified

The recent removal of type designations in ASTM C 90, Standard Specification for Loadbearing Concrete Masonry Units, will help simplify Target stores' specifications.

Target, the fourth largest general merchandise retailer in the United States, uses a concrete masonry prototype building. More than 150 new stores were built in 1999 and 2000 combined; not surprisingly, this growth has had a positive impact on the concrete masonry industry.

Previously, Target engineers maintained two wall prototypes: one to accommodate Type I moisture controlled concrete masonry units and one to accommodate Type II nonmoisture controlled con-

crete masonry units. Now that Type I is no longer recognized by this standard, the retailer will have one consistent set of design and specification guidelines.

These guidelines will follow the updated industry recommendations found in the National Concrete Masonry Association's (NCMA's) TEK 10-2A, Control Joints for Concrete Masonry Walls. They will allow walls to expand and contract without developing cracks, which would adversely affect masonry envelope's appearance and performance.

-From CM News, March 2001 issue.

Seattle Quake Damages Viaduct

Though Seattle's Alaskan Way Viaduct seemed to make it through February's 6.8-magnitude earthquake without major signs of damage, the 48-year-old double deck structure is now showing signs of failure.

A crack at the top of a pier, caused by the quake, has become bigger, and highway engineers are now scrambling for ways to fix the problem. Nearly a month after the quake, a 1.2-m (4-ft) long piece of expansion joint steel fell off the structure, nearly hitting a woman and child. As a result, the Washington State Department of Transportation temporarily braced the column and tied it to nearby members. However, a better temporary fix was planned and reportedly cost an estimated \$250,000.

The 3.5 km (2.2-mi) long viaduct, which carries 107,000 vehicles per day, is less than 30.5 m (100 ft) from the waterfront and is built on fill. Prior to the quake, the state had already begun a \$500,000 study to determine if it would be better to seismically retrofit or replace the aging structure.

-From Engineering News Record, April 9, 2001 issue.



the MINUTES

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
JUNE 5, 2001

CALL TO ORDER: The meeting was called to order by President Jody Moore at 12:09 PM at Portland Chapter AIA conference room, Portland Oregon

PRESENT: Curt Austin, Inge Carstanjen, Joe Bolkovatz, Jody Moore, Ellen Onstad, Bruce Townsend, Jim Wilson and Igo Jurgens

ALSO PRESENT: John Lape, Lee Kilbourn, Rick Heiserman

ABSENT: Margaret Keherli, Chuck Shrader, Cherie McNabb

1. MINUTES: May 8, 2001 Board Meeting Minutes were read. There was a motion, a second and the minutes were approved (MSP) with no changes.

2. FINANCIAL REPORT:

John Lape presented the financial report to the Board. He is waiting for some bills for the Products Fair to come in. 2001/2002 Budget was presented. MSP to approve as submitted.

3. NW REGION CONFERENCE UPDATE:

John, Jody, Inge, Igo, Lee and Perky attended the NW Region Conference in Alaska. The settings was great, the meetings and education were good. The information about the National Separation of a Business Meeting and Products Fair, and to change the dates was discussed. Inge will do the Regional Newsletter; Rick will be on a National Committee. Bob Kenworthy has openings for Regional Committees if any one is interested. It was also discussed that in 2003 the Northwest Region will switch to one Conference with Region business and Leadership/Education opportunities occurring at the same time. Further information to follow. The NW Leadership Conference September 14-16, 2001 in Tacoma, will feature nationally known speaker and management trainer, Bud Crouch presenting a Long Range Planning workshop.

4. LIBRARY COMMITTEE:

Past issues of the *Predicator* have been stored in a Room at Portland State University. The Board moved that Perky Kilbourn (Library Chair) has the Authority to move the books to a place that has good custodial care, and that the Board be kept informed of ongoing efforts to establish a satisfactory repository for Chapter library resources.

5. LONG RANGE PLANNING:

Jim Wilson read aloud a resolution developed by the Long Range Planning Committee adopting the following as the Chapter's Mission Statement, *"improving the process of creating and sustaining the built environment."*

6. THE PREDICATOR:

The Contract is up for renewal. A Motion was passed to have the Publication Committee negotiate a contract for the Publication of the *Predicator*, with a 60 day bail out clause. The Publication committee will consist of three board members and three members of CSI. Jim, Jody, Inge and Ellen were suggested.

7. BUILDING CODES:

John Lape has been asked to represent the Portland Chapter CSI at the Building Codes Division (BCD) Hearings in Salem Oregon. The State of Oregon Codes were discussed as well as the benefits of having one state code.

8. 2000/2001 BOARD REVIEW:

Those people who did not summarize their review of the past year at the May Director's meeting, spoke about their perspective of the past year.

9. CSI WEB SITE:

Portland Chapter CSI web site is back up and running. The Address is: **www.PortlandCSI.org**

ADJOURNMENT: 1:30 P.M.

Respectfully Submitted,
Ellen Onstad

what do you say?

By Dave Shelman, CSI, CDT

Dave is on vacation ... look for a "What Do You Say?" article next month.



the FINE PRINT

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kms@pacifier.com or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

PORTLAND CHAPTER Advertising Opportunities

BUSINESS CARD ADS: Only \$75 per issue or even better \$500 for the year (11 issues).
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THE PREDICATOR STAFF

Editor: Dianne Kuykendall,
Kuykendall Marketing Services
Photography: Randy Tessman
Printer: Echo Printing

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the CONTACTS

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By-Laws	Ken Searl, FCSI, CCS.....503-362-3472
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Continuing Education	John Lape, FCSI, CCS, AIA.....503-243-2837
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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
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Publicity	Dianne Kuykendall, CSI.....503-631-3782
Specifiers Share Group & Technical	Michael Madias, CSI, CCS.....503-224-6767 David Shelman, CSI, CCS.....503-227-1254
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Student Affiliate	Sarah Lynn Garrett, CSI.....503-252-7806
Webmaster	Rick Heiserman, CSI, CDT, AIA.....503-892-1321

Portland Website
www.portlandcsi.org

INSTITUTE DIRECTORS

2000-2002	Bob Kenworthy, CSI, CCS, CCCA Tel: 253-931-4826 fax: 253-804-4502 e-mail: bkenworthy@mx.auburn.wednet.edu Auburn School District #408 915 4th Street NE Auburn, WA 98002-4499
2001-2003	Jeff Callahan, CSI, CCCA Tel: 907-786-6425 fax: 907-786-6444 e-mail: ajfcel@uaa.alaska.edu University of Alaska Anchorage PO Box 104882 Anchorage, AK 99510

Region Website
www.csinwr.org

REGION COMMITTEES

Academic Affairs	Ed Storer, CSI, CCS.....206-223-5052
Archives	Bob Hesseltine, CSI, CCS.....503-765-0374
Awards — Co-Chairs	Gerald McDonnell, CSI.....541-344-9157 Karen Morris, CSI, CDT.....208-343-3620
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Region Conference Direction Committee	Art Nordling, FCSI, CCS.....509-838-8681
Region Operating Guide	Ken Searl, FCSI, CCS.....503-362-3472
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Technical	Jim Adkins, CSI, CCS.....206-634-0570
Webmaster	Rand New, CSI, CCCA.....541-688-5594

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)	Colin Maynard, CSI.....907-274-2236
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
Idaho, Boise, ID (First Tuesday)	Bob Kell, CSI.....208-938-1401

THE PREDICATOR

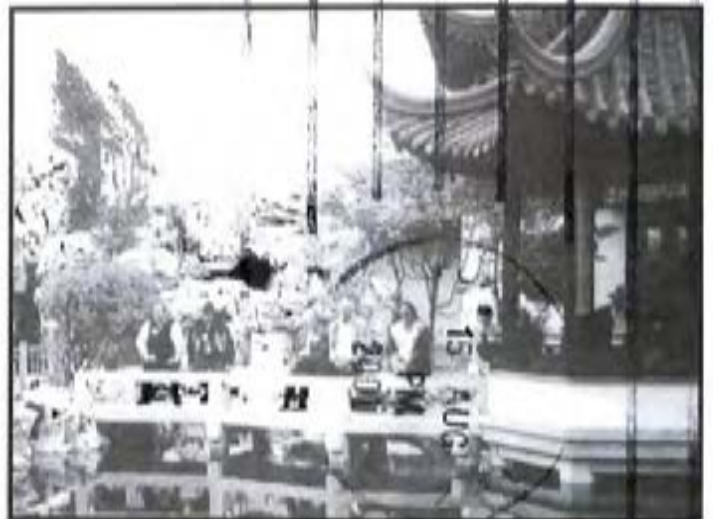
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HOLST Architecture and Ecotrust present the
2001 Project Site Tour*

Jean Vollum Natural Capital Center

ecotrust

Tuesday, September 11, 2001

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VOLUME 41, NO. 2

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

By Jody Moore, CDT

In the midst of Portland's dynamic Pearl District, Ecotrust is restoring a century-old warehouse. This truly recycled building has been transformed into a market-place for environmentally and socially responsible goods, services and ideas. With Patagonia as a retail anchor and an impressive list of other tenants already on board, Ecotrust's new headquarters embodies the 'pragmatic idealism' that they use in finding economic solutions to environmental and community problems.

HOLST Architecture's Jeff Stuhr and Gabe Small worked with Ecotrust for several years to find the right building and develop a program that would reflect the values and principals of the organization, and pencil out financially. **Bob Naito, of Heritage Consulting Group**, came onto the team with ideas that helped moved it forward, and **Walsh Construction** brought the needed expertise and skilled subcontractors for deconstruction and rebuilding with largely recycled materials.

Following the tour, we will head to the Governor Hotel for dinner with the project principals, who will share their perspectives on the development, construction and vision for the future of this groundbreaking facility.

Location: 901 NW Irving (Between NW 9th & 10th, Irving and Johnson)

Time: 4:45 Gather in front of the building on NW 10th

5:20 Sharp! Tour Shotgun Start.

7:15 to 9:00 Dinner & Presentation at the Governor.

Transportation: You may want to ride the new Portland streetcar on Tenth between the Governor Hotel and Ecotrust.

*This is a 3-story building with rough floors.
Please wear flat-heeled shoes.*

**Cost: \$ 35.00 for Tour and Dinner. (\$5.00 of this goes to Ecotrust)
Pre-Paid Reservations Required.**

Register Now! Tour limited to the first 100 who reserve.

Please see back cover for reservation form.

president's message

By Jim Wilson, CSI, CCS, AIA



At our September 11th meeting, we will see an image of our urban future: an image planned a decade ago now made real. Our tour of the Jean Vollum Natural Capital Center (see cover article) at NW Irving and Tenth provides a compelling view of the Pearl District's transformation.

Dense, multi-level housing, commercial and retail space have replaced low density industrial buildings and warehouses. The Lovejoy Viaduct off the Broadway Bridge is gone and the rail yards have yielded to the first new street car in the United States in a century. Effective planning, begun a decade ago, made all of this a reality.

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Our chapter is forging ahead with our own planning process; a planning process that will reap rewards now and in the decade to come. With sufficient energy and ingenuity, our plan will keep our Chapter current, vital, and relevant to our members. Over the next several months, this column will explain and explore our Chapter's progress in devising our Long Range Plan. Your participation is essential to make the Plan a reality and, thus, making sure our mission of *improving the process of creating and sustaining the built environment* is fulfilled.

Our first point of departure is identifying the challenges and the opportunities facing our Chapter and how we must respond over the next five and ten years to fulfill our mission.

Your insights and opinions are needed. Your experience in the industry and with the Portland Chapter are needed. In the late 18th century,

England was "planning" how to care for an increasingly problematic indigent population. Jonathan Swift wryly offered his Modest Proposal:

I shall now therefore humbly propose my own thoughts, which I hope will not be liable to the least objection.

I have been assured by a very knowing American of my acquaintance in London, that a young healthy child well nursed is at a year old a most delicious, nourishing, and wholesome food, whether stewed, roasted, baked, or boiled; and I make no doubt that it will equally serve in a fricassee or a ragout.

I grant this food will be somewhat dear, and therefore very proper for landlords, who, as they have already devoured most of the parents, seem to have the best title to the children.

Mr. Swift points out the utility of humor in the effort. Participate and comment: that is the mantra for this planning process. Your humor and insight are welcome. If you do not participate, then you may not be satisfied with the results of the plan.

I have no doubt that however served up, Mr. Swift's proposal would not have proved popular - even with the landlords! Please share your thoughts with your officers and Chapter Board members - and with each other - so we can plan a successful future for this Chapter lest we compose a modest proposal of our own.

I think the advantages by the proposal which I have made are obvious and many, as well as of the highest importance.

A friend of mine gave me a clipping out of our daily newspaper and he said... "Make something out of this in your column." Well, I rose to the occasion.

Clipping reads as follows: "Get your facts first, and then you can distort them as much as you please." When it comes to specifications many users do a fine job of distorting their meaning. One of our specifications listed three manufacturers including models and descriptions. Guess what, one subcontractor brought a totally different item from a manufacturer to the project. When we wouldn't accept delivered product and told him that this product was not specified, he said... "I thought the listed manufacturers was a guide." This points out no matter how clear, concise and correct your specifications are, there may be someone out there who either on purpose or with good intentions wants a substitution without going through specified substitution procedures. Please note, our Northwest Region CSI has a good substitution request form with instructions and if you are not using it, please consider doing so. Contact me and I will send you a hard copy and a disk for Word and Wordperfect.

At a recent seminar on carpets, I picked up some good pointers as follows:

- 1) Importance of specifying and verifying that carpet specified is from the same dye lot.
- 2) On large projects obtain installation procedures directly from manufacturer.
- 3) In a bathroom, it is better for owner to provide tablet type chlorine toilet bowl cleaner rather than plastic container type that must be removed and replaced. This type, if spilled on a carpet, will remove carpet dye and leave nasty looking spots.
- 4) Carpets really do not wear out quickly, but in home use they ugly out because the occupants are sick and tired of seeing the same carpet for many years.
- 5) On large projects it may be prudent to engage the services of an independent carpet consultant to inspect installed carpeting.

Are you specifiers aware that new requirements mandate installation of elevator sump pumps not to discharge into a sewer system. There are different requirements for traction elevators and hydraulic elevators. If you want a copy with detailed drawings covering these requirements, contact the office of

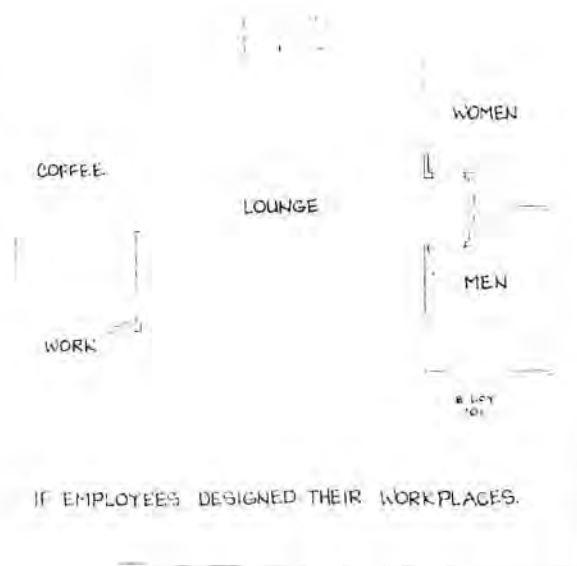
Oregon State Chief Elevator Inspector or contact me and I will send you this published information.

In recent weeks I have been requested for help in determining what caused failures of some sheet vinyl floor installations on interior second floors (wood construction). In two cases blisters appeared shortly after installation and one case included underlayment to pull upward. In one case they removed underlayment and replaced with 3/4 inch CDX plywood and it also failed. I am still investigating causes. It appears to me that CDX should not normally be used because it is not underlayment rated. It is possible that due to latest VOC requirements that allow only water based adhesives and in combination with CDX plywood with wet edges could cause this problem. The jury is still out and when we do find correct answers to this problem, I will let you know via this column. Anyone with experience on this problem and have found a solution, let me know. I will be glad to pass on the word.

the real world

By Ed Loy, CSI, CDT

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the CALENDAR



Portland Chapter CSI Events

Join us the second Tuesday of the month at
The Princeton Building, 614 SW 11th Avenue

- Sept. 11 **2001 Project Tour**
Tour a new Ecotrust Headquarters in the
Jean Vollum Natural Capital Center,
followed by dinner with the architect and
owner. (1.5 HSW)
*See the cover for details, and back page
to register.*

ECOTRUST

- Oct. 23 **ARCHITECTURE WEEK**
Note the date...The fourth Tuesday!
(NOT Wednesday as published last
month...)
Our special guest will share insights and
observations about architecture and living
in the city.
Dinner Meeting (1.5 HSW)

- Nov. 13 **Changes in the Work - Establishing
Fair Value and Getting Paid**
Change happens, and all the parties have
an interest. Join our panel, moderated by
John Baker, of Jordan Schrader, for a
lively and challenging discussion
about a difficult topic—change.
Dinner Meeting. (1.5 LU's)

- Dec. 11 **Recognizing Excellent Owners and
Their Projects**
Join us for our second annual December
Owner-recognition for excellence in
design and construction. (1.5 LU's)

Region & National CSI Events

- Sept. 14-16 **Leadership Conference**
Planning Strategically
Learn a simple and effective approach to
strategic planning that will benefit your
chapter and your business. See page 10.

- May 22-26 **Conference 2002**
Banff, Alberta Canada
Joint CSI NW Region and CSC National
Conference. Plan now to attend!

June 27-30 **The CSI Show 2002**
46th Annual Convention & Exhibit
Las Vegas, Nevada
Las Vegas Convention Center

*For further information about these events, please
call the CSI office: 503-297-2162.*

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 503-318-8046
(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767
(meets every other Thursday, 12-1pm, ZGF, 320 SW
Oak, 5th Fl.)

If you have a function that you would like listed con-
tact the Editor of *The Predictor*, Dianne Kuykendall
(503) 631-3782 or Education Chair Mark Serhus (503)
417-4447.

The Chapter is a licensed provider of AIA continuing
education credits. For approval of a program, contact
John Lape (503) 243-2837. The Chapter will provide
certificates of attendance for engineers for Professional
Development Hours (PDHs). Check meeting an-
nouncements or seminar registration forms for events
that qualify.

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the **ANNOUNCEMENTS**

Mary Alice Hutchins' friends in the Construction Specifications Institute (CSI) and the American Institute of Architects (AIA) wrote a book:

One Woman's Unique Architectural Journey:
The Life and Times of Mary Alice Hutchins.

This book follows Hutchins from her beginnings, as a specifications writer for legendary architectural firm A. E. Doyle and Associates. It continues with a survey of Hutchins' many collaborations with Pietro Belluschi, and concludes with her tenure in Hawaii.

Mary Alice said we could write this book on one condition — Any proceeds from the sale of a book go toward scholarships for women studying architecture at the University of Oregon.

Margie Largent, an architect, collected the information. A draft was prepared and then checked by Mary Alice and others to be sure it was accurate. Enough copies of the book have been sold to pay for its publication. Four scholarships have been given from the proceeds of the sale of the book.

One scholarship is administered by Portland Chapter of AIA and the other scholarship is administered by a committee of members of Portland Chapter of CSI. The two winners of the Mary Alice Hutchins, FCSI, FAIA - CSI Scholarship this year are Maria Cristina Bontia and Anne Darling Davis.

The scholarship will allow Maria Cristina Bontia to attend the University of Oregon Program in Kyoto, Japan at the Dashin-In Temple this summer to complete her Masters of Architecture. The studio project will be to look at a village and replan it to accommodate modern technology while maintaining the historical aspects of the village. Christina had previously completed her Bachelor of Arts in Architecture from the Uni-

versity of California at Berkeley.

Anne Darling Davis has completed three years toward her degree in architecture and will use the scholarship for her fourth year tuition. Anne is from Portland and is familiar with Mary Alice Hutchins' house, according to Donald Peting, (who is on the Architecture Faculty at the University of Oregon, Program Director for Historic Preservation, and Assistant Dean for Special Projects). Anne grew up living in two architecturally outstanding houses. Anne runs cross country and track & field for the U of O, volunteers at the YWCA and coaches girl's basketball. Last summer she went to Italy with the University of Oregon's Summer Field School. There she was able to learn more about historic preservation, and gain an appreciation for it.

If you would like to purchase a book and donate money to help endow the Mary Alice Hutchins, FCSI, FAIA Scholarship Fund, please send \$23 to the address below. Please make your check out to: "Mary Alice Hutchins, FCSI, FAIA Scholarship Fund"

The purchase price is distributed as follows:
\$10 for the book
\$10 (or more) for M.A. Hutchins Scholarship Fund
\$3 for postage and handling

Mailing address: J. P. "Perky" Kilbourn
Con. Clin. & Micro. Lab, Inc.
333 S. W. 5th Avenue #620-7
Portland, OR 97204

Charles Schrader of Jordan & Schrader unfortunately needed to step down from his position on the Board of Directors. We are sorry to see him leave...but in the same breath we are happy to welcome **Bob Schroeder of GLUMAC International** in his place. Bob is an Associate and a Senior Mechanical Engineer. Bob can be reached at Glumac International, 320 SW Washington Suite 200, Portland Oregon 97204, phone 503-227-5280 fax: 503-274-7674.

2001-02 officers and committee chairs

BOARD OFFICERS

Doug Allen, Essex Industries — Doug is the Board liaison to the Education Committee.

Curt Austin, CCPR, John Latta Associates — Curt is Board liaison to the Membership Committee.

Joe Bolkovatz, Drake Construction Co. — Joe is the Board liaison to the Programs Committee.

Denise Carpenter, T & A Supply — Denise is the Board liaison to the New Member Orientation Committee.

Inge Annelise Carstanjen, CDT, Weller Associates Inc. — Inge is the Executive Director and Treasurer for the Portland Chapter.

Margaret Kehrli, City of Portland Water Department — Margaret is the Portland Chapter Secretary.

John Lape, CCS, John Lape Architect, — John continues as the Finance Director for the Portland Chapter.

Cherie McNabb, CDT, DuPont Corp./Corian Div. C.A. Newell Company — Cherie is the President-Elect and will be Board liaison and Co-chair for the Products and Services Fair.

Jody Moore, CDT, DeaMor Associates Inc. — Jody is the Past-President and will Chair the Programs Committee.

Bob Schroeder, Glumac International — Bob will be the Board liaison to the Education Committee.

Bruce Townsend, Ankrom Moisan Associated Architects — Bruce is the Board liaison to the Specifier's Share Group

James Wilson, CCS, SRG Partnership — Jim is the President and will Co-Chair the Programs Committee.

COMMITTEE CHAIRS

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Awards: Mike Watson, CDT, Pacific Architectural Products

By Laws: Ken Searl, FCSI, CCS, Specifications Consultant

Certification: Ray Totten, CCS, Architects
Barrentine-Bates-Lee

Continuing Education: John Lape, CCS, John Lape Architect

Education: Jim Wilson, CCS, SRG Partnership

Golf: John Armstrong, Steelcraft

Co-Chair: Erica Bitterman, Precision Images

Library: Perky Kilbourn, Consulting Clinical & Microbiological Lab., Inc.

Membership: Lee Kilbourn, FCSI, CCS, Zimmer Gunsul Frasca Partnership

Co-Chair: Pat Murphy, Westblock Pacific, LLC

New Member Orientation: Michael Muhle, CDT, DeaMor Associates, Inc.

Nominations: Jody Moore, CDT, DeaMor Assoc, Inc.

Operations Guide: Ken Searl, CCS, Specs Consult.

Planning: Curt Austin, CCPR, John Latta Assoc, Inc.

Product Rep Share Group: Randy Tessman, Benjamin Moore Paints

Products Fair, Attendee Services: Cornelia Gibson, CDT, Access Control Systems, Inc.

Products Fair, Vendor Services: Cherie McNabb, CDT, Dupont Corp./Corian Div.

Programs: Jody Moore, CDT, DeaMor Associates, Inc.
Co-Chair: Doug Allen, Essex Industries

Publications: Dianne Kuykendall, Kuykendall Marketing Services

Student Affairs: Randy Tessman, Benjamin Moore Paints

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WHAT DO YOU SAY?
...news and views from the
Specifier Share Group (SSG)



You may wonder what would motivate anyone to interrupt their busy schedule and dedicate a lunch hour, not once, but twice a month to meet with a bunch of spec-writer types to talk about specs. Well I thought I would use this month's column to tell you about some of the current and upcoming activities of the Share Group.

The Share Group actually performs two roles within the Portland Chapter of CSI. The primary and better known role is to provide a regular forum for specification writers to talk to each other and to other participants in the construction industry with the goal of writing better specifications. This forum occurs at noon on the second and fourth Thursday of each month.

The second role is to serve as the Technical Committee for the Chapter. When the national CSI wants feedback on changes to the Manual of Practice the Technical Committee gathers and communicates the Chapter's response. In this role the group also takes on special projects when, from time to time, a construction-related issue arises that needs some special attention. Such a topic is currently under review by a task force of the Committee.

You guessed it. The topic is moisture problems in concrete floor slabs. It is not a new topic. In fact the Technical Committee wrote a report on the topic five years ago. And Ken Searl regularly reports on the subject in this publication (BS by KS). But construction problems persist and, unfortunately, the construction industry is communicating a lot of conflicting information about their causes and solutions. We will report on the findings of this task force later this year.

Getting back to the Share Group's main activities, here is a look at some of the upcoming topics:

- In September we will look at sustainable flooring options and contemporary veneer plaster applications.
- In October we are inviting a signage/graphics consultant to talk with us about the coordination of all the various signage needs of a project. Also in October we will hear from a food service consultant on coordination with the rest of the project.
- There will only be one meeting each in November and December because of the holidays. In one of these sessions we will consider Window Treatments. In the other we will have a Commissioning Agent explain building commissioning and how it affects the Owner, A/E team, the contractor and project closeout procedures.

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 Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

2001 portland products and services fair



Scott Dicker from Otis Elevator Co. and Portland Products & Services Fair Committee presenting the grand prize, Skamania Lodge Package to Dianne Knight from SRG Partnership

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Scott Dicker from Otis Elevator Co. and Portland Products & Services Fair Committee presenting the other grand prize, Sallishan Lodge Package to Tom Kuhn from Mahlum Architects



2001 portland products and services fair

an evening with Moshe Safdie

By Jody Moore, CSI, CDT



Mega Scale, Complexity and Beauty

A rare treat for 400 architects and industry professionals, Moshe Safdie spoke at the Oregon Convention Center on May 1 with grace, humor, and urgency. His warmth and

humanity shone through his talk and the many slides of his wide-ranging work: the innovative Montreal Habitat '67; the stunning 1976 Yad Vashem Children's Holocaust Memorial in Israel; the 'earthbound and skybound' 1999 Science Center and Children's Museum in Wichita.

It was obvious from the start that this is a special person who has dedicated his professional life to expression of an inner passion for connection between a community's people and place.

Introducing "The paradox that we as architects are facing and around which our dialog should be taking place", he outlined his concepts of 'mega scale', 'complexity', and 'beauty'.

Mega scale –density –affects every type of building we construct. For reasons beyond sheer numbers of people and size of structures, the developments in technology (such as air conditioning) have released the need for occupants to relate to the building's perimeter. Nature is disconnected from the people inside.

"The market is blind and deaf...it knows all about prices and nothing about value."

In contrast to Rem Koolhaas' statements regarding mega scale -that architects must respond to the reality of it and 'must be utterly uncritical'

-Safdie says we should be "utterly critical -that is our job." While other voices call for us to deal with the problems of mega scale by turning the clock back to a reduced population and no cars, Safdie believes going backward is not possible. We must, therefore, "be utterly creative in dealing with the issues".

Complexity is an expression of order in nature, an expression of fitness. We constantly question complexity in design, living with decades of minimalism, reductionism and abstraction. A banal example of this would be a building where all four elevations are identical, when each elevation clearly relates differently to the environment.

Moshe believes that we are now seeking more complexity in design. Evolution, fitness, integration, geometry –even in chaos we now know there is a great deal of natural order. A building responds to the complexity of the life that is in it. Louis Kahn referred to this as 'what a building wants to be.'

Beauty is a banned word. It is banned because of the 'risk of deception' associated with it, as if we cannot discern what is really beautiful. Yet, Moshe says, we all understand beauty in nature. It is expressed in a multifaceted diversity.

"We know when we are in the presence of beauty and we know when it is absent." Architectural discourse today is filled with cynicism and rooted in a pessimism that calls us to "elevate the dialog".

Certainly the dialog was elevated on this special evening, and Moshe closed with a simple message, from Keats' Ode on a Grecian Urn:

"'Beauty is truth, truth beauty,' –that is all ye need know on earth, and all ye need to know."

the **REGION NEWS**

2001 Northwest Region CSI Leadership Conference

September 14th, 15th and 16th

*Seattle Marriott SeaTac Hotel
3201 South 176th Street
Seattle, WA 98188*



Featured Presentation:

Strategic Planning - At Work, in CSI and at Home
Presented by Bud Crouch

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Bud Crouch's Strategic Planning Workshop was one of the most highly rated educational and training sessions presented at the 2001 CSI National Convention in Dallas, Texas. This session teaches strategic thinking and planning skills for use in business, professional organizations and your life. Plan to attend.

Schedule:

Friday Afternoon - Certification Exams
Friday Evening - Welcoming Mixer
Saturday Morning - Strategic Planning Workshop
Saturday Afternoon - Strategic Planning Workshop and Leadership Training
Saturday Evening - Dinner and Hospitality Suite
Sunday Morning - Region Meetings and Roundtable Sessions

Registration: \$50.00 (to cover meal cost)

Hotel Rooms: Single or Double - \$79.00 + tax per night

Call the SeaTac Marriott at (206) 241-2000 for reservations - be sure to tell them that you are with CSI to get the conference rate.

Registration forms will be distributed in mid-August.
For information - call Bob Kenworthy at (253) 931-4826 or
by E-mail at bkenworthy@mx.auburn.wednet.edu

the **REGION NEWS**

region goes international

By John Lape, FCSI, CCS, AIA

The next CSI Northwest Region Conference will be held at the Banff Conference Center in Banff, Alberta, Canada! We are taking our Region Conference to join the National Construction Specifications Canada (CSC) Conference. Our region and CSC are roughly the same size and hold conferences that are very similar in scope and nature. Over 250 members of both associations are expected to attend which will take liaison activities to a new level.

Work began on this conference almost four years ago and continues with CSI host chapter Willamette Valley and the CSC host chapter Calgary.

I have attended the last three CSC conferences to gain a better understanding of how this joint event can benefit our members. There are already sixteen technical sessions planned that will address the interests of all of our members. Friday evening there is a Fun Night scheduled that provides a great chance to learn some of the culture of the Calgary area and to mix with our Canadian counterparts. On Saturday morning both associations will independently conduct their business meetings. Saturday afternoon provides another opportunity for collaboration, as we will have joint sessions on CSI and CSC issues. Like our conferences, the event wraps up with a banquet Saturday evening.

Most people will need to plan on arriving in Calgary by Wednesday night May 22nd. The conference will start at about 11:30am on Thursday with a kickoff luncheon which will include our awards ceremony. Due to the driving time between Calgary and Banff and the one hour time change from the West Coast it will be necessary to plan on getting to at least Calgary Wednesday night. CSI members also need to

recognize that the conference ends on Memorial Day weekend. Memorial Day, May 27th, is of course a holiday in the United States but not in Canada. If you plan to stay at the Banff Conference Center Sunday night it is imperative that you make reservations ASAP, as we could not hold very many rooms for Sunday night. We have very favorable room rates due to the Canadian exchange rate. I would recommend that you stay at the Professional Development Center Building, although there are several other choices available. I recommend that building, as it's the nicest facility and will be where most people will be staying. For reservations at the Banff Centre for Conferences please call (800) 884-7574.

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Calgary Chapter

Region Conference
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Northwest Region

the **NEWS FROM THE INSTITUTE**

Industry News

A New Way of Contracting

The Centers for Disease Control and Prevention (CDC) is using a new method of contracting for a major reconstruction project in Atlanta, Georgia, that has the advantages of design-build but eliminates much of the risk to owners.

The CDC is spending \$1 billion to modernize three of its Atlanta campuses. To do so, it prequalified five design firms and six contractors, which will be allowed to submit proposals on various jobs as they come up. A designer and contractor will be selected for each task. They will be brought together before the design phase begins. A government team will manage the contractor/designer partnership. The contractor will review the design for materials and construction challenges and give the government a guaranteed maximum price. The architect/engineer (A/E) will give an estimated price. As the project goes into construction from design, the A/E will be kept on the project to oversee the work. According to CDC, the system creates checks and balances among the designer, contractor, and government team, which allows the government to get the best value.

—From Engineering News-Record, April 2, 2001 issue.

Retainage Reform in New Mexico

The state of New Mexico joined Maryland and Connecticut in revising its retainage laws for both public and private construction, benefiting many subcontractors.

The new state law requires owners and contractors to place retainage in an interest-bearing escrow account in a trust fund for the party that is owed, which most often is a subcontractor. It also limits retainage held by the owner to 5 percent, requires that interest on the account be paid on a pro rata basis to the party that is owed, and includes a prompt payment provision that requires owners to pay contractors within 21 days and contractors to pay subcontractors and suppliers within seven days of when they receive payment.

—From the American Subcontractors Association,
www.asaonline.com.

Environmental News

Sustainable Design

Federal Contracting Guideline Revised

The Sustainable Building Industry Council has revised and updated Low-Energy Sustainable Building Design for Federal Managers, a “how-to” manual for parties involved in contracting for commercial and institutional buildings at the federal level. The publication is appropriate for federal architects, engineers, contract architectural/engineering firms, project managers, building programmers, and procurement specialists.

It has 10 detailed sections that cover topics such as the sustainable design process, site issues, safeguarding water, energy efficiency, conservation, operational and maintenance issues, and more. It is available online or by calling (202) 628-7400, ext. 207.

—From SBIC’s Web site at www.sbicouncil.org.

Engineering News

A Campaign to Educate

The National Society of Professional Engineers is embarking on a campaign to educate the nation about what engineers do. “The American Engineering Campaign” will reach into classrooms and other public forums to educate students and the public about the opportunities an engineering profession provides. Among the campaign’s activities will be a classroom program, during which professional engineers will be matched to student classes, where they will talk about their profession.

The campaign was launched in response to recent trends of decreasing amounts of students entering the profession. The Engineering Workforce Commission found that the number of students receiving engineering degrees decreased almost 20 percent from 1986 to 1998, despite the fact that the number of degrees overall increased 20 percent. More recently, a survey of Americans by Louis Harris and Associates found that, while most people intuitively respect engineers, they do not understand what they do.

—From NSPE’s Web site at www.nspe.org.

the **NEWS FROM THE INSTITUTE**

Concerning the Future of CSI's Printed Member Directory — from an e-mail to chapter leaders.

Dear CSI Leader:

The purpose of this letter is to update you on the future of CSI's annual printed Member Directory and to clear up any confusion that may have been created on the subject by other articles or notes you may have seen. First of all, be assured that the Institute is not discontinuing the printed directory. We realize how this important reference has been used by thousands of our members over the years. The directory portion is only a part of the reason why members have enjoyed this publication in the past. There have been sections that offer such things as our Bylaws, listings of certified members, officers' directory, etc. Today, however, CSINet (www.csinet.org) contains far more information, and is updated on a moment by moment basis, providing a unique opportunity to members. But knowing how important the paper directory was to its members, CSI began offering a choice last year, allowing members to select a paper-based copy in addition to using the many searchable databases on CSINet, which now exceeds the content of the paper directory.

This choice grew out of two important events. First, the technology on CSINet allowed us to provide an easy-to-search member directory that would be updated literally moment by moment. This engine includes a searchable database for all certified professionals, as well as a host of other valuable databases that, due to their size, could never be cost effectively published in paper form.

Second, many members over the years requested a more up-to-date directory than the paper directory. Each year, as people join CSI, change jobs, get new e-mail addresses, go on various CSI committees, etc. their personal data can change quickly. Information can be updated online quickly and easily, directly into the database. On the other hand, that continuous

stream of new data quickly makes the once-a-year paper directory out of date - almost from the day it's printed. There are approximately 9,000 changes made per year to the records in the directory, which account for about 750 changes per month.

With that in mind, CSI began a three-year test last year by providing the choice to our members. If a sufficient number of our members chose the paper directory over the three-year period, then we would continue to offer the paper directory. In early April 2001, all CSI members again received a postcard to complete and return to get a printed directory in September. As of July 12, a total of 2,104 members have requested one (out of 18,000 members). This includes all new members who have selected one from the card enclosed in their New Member Kit. Given the continuing demand for the paper directory over the last two years, the members will continue to have a choice of receiving the paper directory, in addition to using CSINet, with all of its new features and searchable databases.

The side benefit to the application of technology is the savings in the cost of distributing a hard copy directory to all 18,000 members. Due to the numerous members who do not wish to receive the paper directory, more than \$20,000 was saved last year by providing a copy only to those who ordered one. Similar savings are expected this year. These savings contribute directly to the new and enhanced services and products being brought to you, as a member of CSI, and to the construction industry.

If you have any additional questions regarding the paper directory, or the services available on CSINet, call our toll free number at 800/689-2900 and ask for help. Or check online at www.csinet.org, for all of the new and improved services available to you on CSINet.

Thanks for being a member of CSI,
Gregory Balestrero, CSI — Executive Director

the GOLF TOURNAMENT

Portland Chapter CSI extends our sincere thanks to the following sponsors of the 2001 Golf Tournament: Precision Images, C.A. Newell/Dupont Corian, DeaMor Associates, Inc., Dura Industries, Inc., Timely, N.W. Wall & Ceiling Bureau, Ford Graphics, NIKOLAI Manufacturing, Hanset Stainless, Inc., Temp Control Mechanical, Oregon Contractor Plan Center, Benson Industries, Ingersoll-Rand, J.S. Perrott & Co., Armstrong Flooring, North Western Industries, NU-Matic Finishing, Daily Journal Plan Center, John Lape, Architect, Reeb Millwork Corp, Western Oregon Door, Pae West Communication, Masonry Institute of Oregon, NW Natural Gas, Oregon Contractor Plan Center, Pae West Communication, T & A Supply, Precision Image, Nu-Matic and Pro-Spec.

the FINE PRINT

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kms@pacifier.com or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

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Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
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THE PREDICATOR

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September 2001

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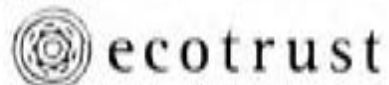
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Date: September 11, 2001

Time: 4:45pm Gather in front of the building
on NW 10th
5:20pm Sharp! Tour Shotgun Start
7:15 to 9:00pm Dinner & Presentation at the
Governor Hotel

Location: 901 NW Irving (Between NW 9th & 10th,
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Chapter office at 503-297-2162.

the PREDICATOR

improving the process of creating and sustaining the built environment

CSI Celebration of Architecture Week

An Evening with M. David Lee, FAIA

Tuesday, October 23, 2001

By Jody Moore, CDT

The recipient of the 2000 Boston Society of Architecture Award of Honor, David Lee is an architect with a commitment to life in the city. He exercised his strong sense of community as chairman of the Citizen's Advisory Committee charged with creating a civic vision and guidelines for the strategic development of 'air rights' over the Massachusetts Turnpike in Boston. Growing up in Chicago, "the quintessential American city for architecture," David Lee "gained an appreciation for architecture, and perhaps more importantly, for urban design."



A principal of Stull and Lee, he directs planning, urban design and architectural projects. He served as President of the Boston Society of Architects in 1992, and is an adjunct professor in urban design at the Harvard Graduate School of Design where he earned his Master of Architecture degree in 1971.

Three decades later, David Lee will draw on his vast experience to share insights about the successes and failures of urban design and planning; why people are moving back to the city and what this means for architects; the challenge of preserving true economic diversity; and the work he is doing with communities in developing 'air rights' — a growing discussion in Portland as we consider building over I-405. We have asked that he also address what he feels is really important for us to be focusing on now.

Join us for a very special opportunity to hear a leading perspective when David Lee speaks to the "real business of city building and architecture."

Location: Princeton Building - Ballroom, 614 S.W. 11th
Time: 5:30PM Meet your Colleagues with a No-host Bar
 6:30PM Dinner by Jake's 7:30PM David Lee, FAIA
Cost: \$ 35.00 per person. **Special Table for 10 only \$300**

Register now for the Architecture event of the season.
 Pre-Paid Reservations Required.
 Please see back cover for reservation form.

NEW MEMBER ORIENTATION

There will be a New Member Orientation prior to the October Dinner Meeting. All new members are invited to attend. Please call Inge Carstanjen at 503-297-2162 to confirm.

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VOLUME 41, No. 3

Portland Chapter CSI
Monthly Newsletter





Mr. Howard Lutnick, who worked on the 101st floor of the World Trade Center arrived late Tuesday. It was his son's first day of "big boy" school and he had taken him to ensure a good start. None of the people in his firm who were in the offices at the time survived the September 11 terrorist attack. 600 people from a staff of 1000 were lost.

Howard would have perished too had he not taken the time to bring his five-year-old son to school.

2 The horrific and despicable events of September 11, 2001 were of such magnitude they compel one to reflect upon the significance of their daily life. As you have no doubt learned already, many World Trade Tower tenants who survived the destruction did so by the simple grace of where their conventional morning led them. The images of the Trade Towers' destruction are indelible. Resounding stories of how a simple twist of fate rescued a would-be victim remain in one's thoughts. In the context of such events, it is natural to ponder the question of how meaningful one's daily life is. Of what real significance are one's individual actions? Much of my day is spent composing words intended to convey to people I'll never know, work they should perform in order to benefit a certain third party. Other people expend their effort convincing any one or all of these parties to use the product they represent in the work. Still other people follow these activities hoping to discover their confidence has been well placed and that the result is both commodious and delightful. These staggering acts of destruction shock one so as to question whether there is any significance in all of this effort. What does it matter? Who does it really benefit - wouldn't something else be more meaningful; contribute more to humanity; be more worthwhile?

In such times we are fortunate to be the ones for whom construction is a focus of our life's actions. Construction, originates from Latin - *construere*: *com-* together plus *struere*, to pile up. To me this demonstrates that collaborative action is inherent in construction. We can only build— together. It is our good fortune to be participants in THE collaborative

enterprise - Construction. Working together is essential for the establishment of community and by extension the creation of a larger social order. We gather together in order to build, and what we have built remains as a durable record, and resilient testimony of our collaborative effort. I believe it was this that Winston Churchill was intending when he said, "We shape our buildings, and afterwards our buildings shape us. We put them up and then they show us who we are."

Buildings are the most prominent and compelling mirrors of our collaborative actions. The visions reflected in them speak to us and everyone else, of what we are, what we value and what we honor. Tall buildings are indeed bolder than mere terrestrial structures. They throw their voice further. They are more imposing to our gaze. They stand more indelibly in our memory. Buildings that endure speak with a more compelling voice than more transitory structures. They are a testament to the confidence of those who erected them that their efforts and values will be honored into the future. They bespeak of the industry necessary to maintain them, and through such faithful stewardship they become the collective memory of their culture.

Construction is a noble enterprise. When we build thoughtfully and intelligently our work is indeed meaningful. There is no question that we can contribute to the human condition through our participation in the construction industry - we can contribute an immense amount. There is ample and compelling testimony surrounding us to demonstrate that this is one of human kind's most meaningful activities. I invite you to join me in drawing from these tragic events a steadfast resolve that our work will stand as a humane and enduring rebuttal to the destructive acts of terrorism and war. Strive for the fullest collaboration we can - acknowledge the talent, the effort, and the commitment each person brings to the collective enterprise. See to it that every project you work on embodies and expresses the values you wish most to see championed by our society. Dedicate your efforts to permanence and durability - we have not the resources, nor the time for anything less. I hope you join me in the belief that only by our constructive efforts will we realize a positive resolution to this human tragedy, and if we achieve that, we need never doubt that there is value and meaning in this work.

In the past year I have heard much about the Master Painter Institute (MPI) and its approved Products List for Paints and Coatings. Based in Canada, MPI tests materials supplied by paint company technical people (detailed performance) or simply asks the paint company to affirm that their products meet certain requirements (intended use) and approves them for use in 148 categories. MPI defines Gloss and Sheen Levels and provides a method to compare products from different paint manufacturers. The system promises to architects and specifiers an apples to apples true crossover list done by an objective testing facility. Specifiers, while able to wield a good pen, often admit that chemistry is not one of their strong suits.

Why is it then that certain paint manufacturers tend to be actively promoting MPI while others remain silent on the subject? Are the companies that encourage use of MPI by specifiers manufacturing better products than those who are not? A list was taken of paint manufacturers in the Oregon architectural community and approval numbers counted. Following are the results based on the February 2001 list:

- Benjamin Moore - 38
- Miller - 36
- ICI (multiple products in categories) - 131
- Rodda - 31
- Kelly Moore - 46
- Sherwin Williams - 95

The ICI Paint is listed as ICI Dulux and ICI Paints, and has multiple products in 65 categories. Overall, Sherwin Williams has the most categories (95) with products included.

After presentations by both representatives from the top two companies in MPI on the benefits of the MPI Approved Product List in recent months, a question begins to surface. Is the MPI a true objective crossover of quality products, or is it more of a list of products of the companies who most actively support MPI? Are the companies with the largest financial pockets going to be the ultimate winners in this comparison testing?

There are testing fee requirements for inclusion in the MPI program. (Is this a fee for each individual paint

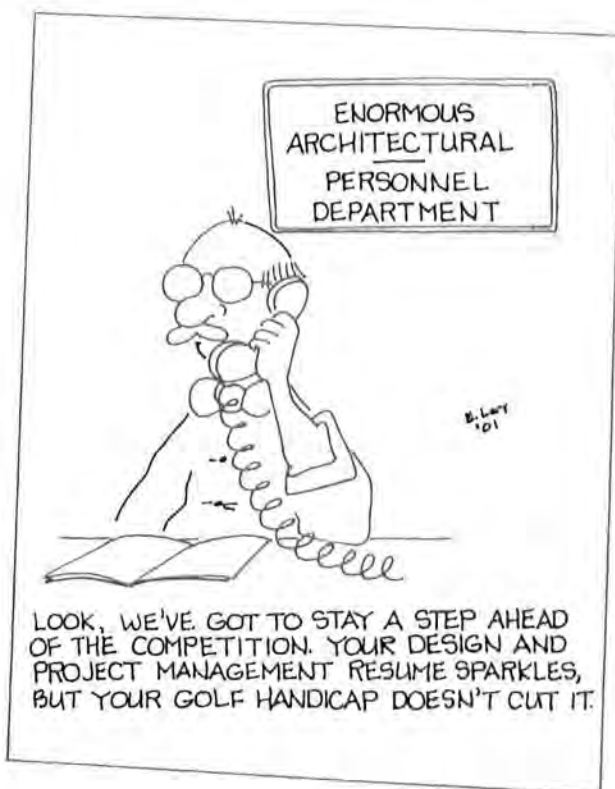
and how much?) Paint companies often choose the categories they believe will have the most impact on commercial work - interior and exterior latex paints for example. Those companies choices in other MPI categories may be just as good as the approved products, but budget constraints may limit their participation in those other categories. The testing method relies on the manufacturer's technical representative providing samples for testing. It would seem that product samples should come right off the company's store shelves and not from their testing labs. Multiple batches of production paint should be tested.

It has come to our attention that MPI does not actively market its services and benefits directly to paint manufacturers. If regional paint manufacturers didn't even know about the MPI program before its promotion campaign began here in the Northwest last year, how could they have been a part of it?

continued on page 14

the real world

By Ed Loy, CSI, CDT



the CALENDAR

Portland Chapter CSI Events

Join us the second Tuesday of the month — except as noted — in the Ballroom at The Princeton Building, 614 SW 11th Avenue

NEW MEMBER ORIENTATION

There will be a New Member Orientation prior to the October Dinner Meeting. All new members are invited to attend. Please call Inge Carstarjen at 503-297-2162 to confirm.

Oct. 23 **CSI Celebrates Architecture Week**
An evening with David Lee, FAIA
Join us for a very special opportunity to hear a leading perspective about the "real business of city building and architecture." See front cover for details.

Make it a special group event!

Table for 10 only \$300

Dinner Meeting (1.5 HSW)

Nov. 13 **Changes in the Work - Establishing Fair Value and Getting Paid**
Change happens, and all the parties have an interest. This is an area where CSI's mission of "improving the process" can really make a difference. Join our panel, moderated by John Baker, attorney with Jordan Schrader, for a lively and challenging discussion about a difficult topic that affects us all — change.

Dinner Meeting. (1.5 LU's)

Nov. 28 **Moisture Problems in Finish Floor Substrates — An Industry-Wide Perspective**
See page 5 for more information.

Dec. 11 **Recognizing Excellent Owners— Their Projects and Their Teams**
Join us for our second annual December Owner-recognition. This year we will focus on a growing part of our industry: Senior Housing. (1.5 LU's)

2002

Jan. 8 **Regional Impact of Global Trends Architecture Here and There**
In the first of our series of programs on globalization, we will be looking at the practice of architecture worldwide. Many firms in the Northwest are now working in other parts of the world. We will explore how this is affecting local work, with emphasis on the opportunities and the challenges of globalization for each of us in the construction industry. (1.5 LU's)

Feb. 12 **CSI Celebrates Engineering Month Regional Impact of Global Trends**
This evening we will be looking at engineering around the world, the international firms that are leading the way, and

the effect working globally is having on the way we approach projects in the Northwest. (1.5 LU's)

Mar. 12 **Regional Impact of Global Trends - 3 The Canadian Angle**

Apr. 9 **The Marketing Event with SMPS**
Experts from the Society for Marketing Professional Services will again lead us in an interactive exercise to open our marketing minds. (1.5 LU's)

May. 7 **Portland's Products & Services Fair**
The premier showcase of products and professional services in the Northwest will occur in the Oregon Convention Center. Put this date on your calendar now, and be prepared to enjoy meeting your colleagues at the Fair and our *very special guest*.

Region & National CSI Events

May 22-26 **Conference 2002 Banff, Alberta Canada**
Joint CSI NW Region and CSC National Conference. Plan now to attend!

June 27-30 **The CSI Show 2002 46th Annual Convention & Exhibit Las Vegas, Nevada**
Las Vegas Convention Center

For further information about these events, please call the CSI office: 503-297-2162.

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 503-318-8046
(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767
(meets every other Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predictor*, Dianne Kuykendall (503) 631-3782 or Education Chair Mark Serhus (503) 417-4447.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

the ANNOUNCEMENTS

RENEWING MEMBERS IN 2001

JUNE 2001

Allen, Bob, CSI
Blenkinsop, Richard W., CSI
Bolkovatz, Joseph F., CSI
Brown, Dennis A., CSI
Carleton, Brian D., CSI
Carson, Linda, CSI
Fennig, Anthony Joseph, CSI
Fitzgibbon, Henry, CSI
Gibson, Cornelia, CSI, CDT
Heiserman, Richard H., CSI, CDT, AIA
Helton, James L., CSI
Herbold, Fred, CSI, CCS
Irwin, Christine, CSI, CDT
Jaeger, Craig, CSI, CDT
James, Steve F., CSI, CDT
Johanson, Keith L., CSI
Kilbourn, Lee, FCSI, CCS, FAIA
Klas, Robert R., CSI
Klein, Paul, CSI, CDT
Mast, Steven
Miller, Glen, CSI
Moore, Jody R., CSI, CDT

Pickett, David, PE, CSI
Seeley, Les, CSI
Shelmerdine, Alan G., CSI, CDT
Van Scoy, Jerry, CSI
Vande Bergh, Stan, CSI
Vandehey, Ronald G., CSI
Wagner, S. Ross, CSI
Wilson, James B., CSI, CCS
Wilson, Paul R., CSI, CCS, AIA
Wright, James A., CSI
Wurdeman, Susan, CSI

JULY 2001

Barker, John H., CSI, CCS
Charles, Edward E., CSI
Cleveland, Andrew W., CSI
Dewey, Daniel, CSI
Eggers, Tim, CSI
Ettlin, Hans O., CSI
Gronowski, Ronald P., CSI
Huld, Ron, CSI
Johnson, Keith L., CSI, CDT
Keaton, John, CSI

Kehrli, Margaret M., CSI
King, Scott, CSI
Leary, Steven, CSI, AIA
Lee, Neil Y., CSI, CDT, AIA
Loy, Edward, CSI, CDT
Mann, James, CSI, AIA
Milstein, Ron, CSI
O'Brien, Jack, CSI
Oey, Kim L., CSI
Perry, Robert W., CSI
Ravins, Patrick T., CSI
Ream, Samuel R., CSI
Sandahl, William H., CSI
Schmautz, Arnie, CSI
St. Pierre, Mark, CSI
Starker, Mike, CSI
Steffen, Michael, CSI
Suman, Walt, CSI, CDT
VerBurg, Susan, CSI

Retired Members Renewing July 2001
Gessford, Richard L., CSI, AIA

5

Associated Floor Covering Contractors of Oregon & SW Washington
World Floor Covering Association and CSI Portland present a half-day seminar.

MOISTURE PROBLEMS IN FINISH FLOOR SUBSTRATES AN INDUSTRY-WIDE PERSPECTIVE

Wednesday, November 28, 2001 8:00AM — 1:00PM

The largest finish flooring trade association in the industry, World Floor Covering Association (WFCA) in concert with eight other finish flooring organizations has released two publications representing an industry wide consensus on addressing moisture problems and finish flooring

Position Statement on Moisture Emission Testing *Moisture Emission Testing - Responsibility and Qualifications for Testing*

This in-depth seminar will provide the opportunity of understanding the methods and solutions proposed in these publications and an introduction to the Portland Chapter CSI Specification Writer's Share Group proposed data base of moisture and finish floor problems.

Speakers at this event will include:

- **Mr. Ray Thompson - Armstrong World Industries Head of Technical Training programs** for who brings a diverse perspective having worked as an Contractor/installer, technical representative and independent consultant/inspector.
- **Bob Higgins** - Sinak Corporation and presenter on this subject at the **CSI National Convention in Dallas - also on the program for CSI 2002 in Las Vegas.**
- **Andy Marks** - Morse Brothers will offer perspective on issues related to concrete.
- **John Duty** - Don Frank Co. will address issues relative to jobsite supervision .

The Seminar will cost \$50, including lunch and will provide 4 AIA HSW credits. We are working to finalize the location and will be issuing registration info soon - *save November 23 for this valuable educational opportunity.*

architecture week - event calendar

Friday, OCTOBER 19

Interior Design Award Breakfast and Ceremony — 7:00-9:00am

Governor Hotel, 611 SW 10th Ave

This ceremony honors the best in local interior design. Please call the IIDA Oregon Chapter office at 503-546-1280 by Wednesday, October 17 for reservations.

Mayor's Design Initiative: Speech and Brown Bag Lunch — 12:00-1:00pm

City Hall, 1221 SW 4th Ave, 2nd Floor
Vera Katz will announce her Mayor's Design Initiative and speak about the various efforts the City of Portland will be taking to inspire design excellence. Please e-mail your intent to the Mayor at "mayorkatz@ci.portland.or.us".

Saturday, OCTOBER 20

How to Hire and Work With an Architect — 10:00am-12:00pm

AIA/Portland, 315 SW Fourth Avenue
This seminar will cover the practical aspects of hiring and working with an architect. Please contact AIA/Portland at 503-223-8757 to register.

Kid City — 10:00am-2:00pm

CM2-Children's Museum 2nd Generation, 4015 SW Canyon Rd.

What will children come up with when faced with the prospect of designing a city? For more information, contact Rhonda Barton at 503-471-9909 or AIA/Portland at 503-223-8757.

Sunday, OCTOBER 21

Gordon House Visit — 2:00-4:00pm

The Oregon Garden, Silverton
This will be a special opportunity to visit the Frank Lloyd Wright House that was saved from demolition and moved to The Oregon Garden in Silverton. For more information, contact AIA/Portland at 503-223-8757.

Monday, OCTOBER 22

Restoring The Gordon House — 9:00-11:30am

1900 Bldg, 1900 SW 4th Ave, Rm 2500A
This in-depth discussion seminar picks up where Sunday's Open House leaves off, getting under the surface to address the many technical concerns surrounding the Gordon House. For more information, contact AIA/Portland at 503-223-8757.

The Architecture of Old Havana — 6:00-9:00pm

PSU, Smith Memorial Building, Cascade Room

Join local architect Howard Glazer in a

movie, slide show and discussion of Old Havana, Cuba's colonial-era district, its wealth of historic architecture and the restoration work being done. Please call AIA/Portland at 503-223-8757 to register.

Tuesday, OCTOBER 23

Job Shadow — 8:15am-3:00pm

High school students to go "on the job" with local architects and firms to gain an understanding of the architectural profession. For more information, contact your high school career counselor.

An Evening with David Lee — 5:30-9:00pm

Governor Hotel, 614 SW Eleventh Ave
David Lee, FAIA of Boston Architecture firm Stull & Lee, will be speaking on global urban design issues. For more information see cover. Reservations may be placed by contacting CSI at 503-297-2162.

Wednesday, OCTOBER 24

Beyond The Approvable - Fostering More Spirited Design in Portland — 11:30am-1:00pm

Governor Hotel, 611 SW 10th Ave
Join the Society for Marketing Professional Services and AIA/Portland for a panel discussion comprised of architects and developers in Portland. For reservations contact Carol Lidberg at Ford Graphics, 503-227-3434 or clidberg@fordgraphics.com.

Learning From Barcelona — 6:30-8:30pm

PSU, Shattuck Hall, Room 212
PSU architecture professor Rudy Barton will present the accomplishments of Barcelona, the only city ever to win the Royal Institute of British Architects (RIBA) International Award for Urban Design.

Thursday, OCTOBER 25

Building Libraries; Building Community — 6:30-9:00pm

Portland Central Library, 801 SW 10th Ave, 1st Fl.

This year, Multnomah County Library was awarded two international awards for library architectural design from the American Institute of Architects and the American Library Association. The event will feature presentations by the participating firms and a review of the award-winning libraries by Philip Myrick of the Project for Public Spaces. A reception will follow.

Friday, OCTOBER 26

2001 Design Awards Jury Presenta-

tion & Critique — 6:30-9:30 pm

PSU, Shattuck Hall, Room 212

The Jury Member Presentation will feature discussions by members of the 2001 Design Awards Jury regarding their work. A panel discussion follows with a review by the jury of selected projects in the 2001 Design Awards Competition.

Saturday, OCTOBER 27

The Art & Architecture of Woodstock — 1:00-3:00pm

Woodstock Library, 6008 SE 49th Ave
This panel discussion will explore the design of the Woodstock branch of Multnomah County Library.

Architecture Week 2001 Gala Celebration — 6:30-11:00pm

Portland Hilton, 921 SW 6th Avenue
Celebrate with us as we honor our 2001 Design Award winners, the Mayor's Award for Design Excellence, the Intern of the Year and the recipient of the AIA College of Fellows Layperson's Award and Award for Outstanding Achievement. For more information contact AIA/Portland at 503-223-8757.

-Exhibits & Activities- OCTOBER 4-29

Art by Architects — 9:00am-5:00pm, Monday - Friday

AIA/Portland Gallery, 315 SW 4th Ave
AIA/Portland is proud to exhibit this eclectic and vibrant collection of paintings, sculpture and other artwork by Portland area architects.

OCTOBER 15-26

AIA/Portland Design Awards Display 9:30am-9:00pm

Pioneer Place, 700 SW 5th Avenue
As part of our People's Choice Award for the 2001 AIA Design Awards, nominees will be on display.

Saturday, OCTOBER 6

Architectural Foundation of Oregon 2001 Banquet for Ed Carpenter — 5:30 pm

Oregon Convention Center
Join the AFO in celebrating the outstanding contributions of 2001 Honoree Ed Carpenter. For more info contact Jody Proppe at 503-287-8296.

Saturday, OCTOBER 13

Solar Homes Tour & Workshops — 1:00-5:00pm

An introduction to homes utilizing solar energy to maximize efficiency and minimize environmental impact. For more information contact the Solar Energy Assoc. of Oregon at 503-231-5662.

WHAT DO YOU SAY?

...news and views from the Specifier Share Group (SSG)

Embodied energy. Post-consumer waste. Recycled content. Certified forests. Welcome to the new language of "sustainable design." As we are so prone to do in other fields of endeavor the industry has created plenty of jargon to go along with the current "greening" of design and construction. So those of us involved in design decisions, product selection and construction specifications sort through it all and try to make some sense out of it that will lead to prudent and meaningful actions.

At the September 13 meeting of the SSG our guest, Mark Farrell of Environmental Building Supplies, contributed to this effort. Although Mark's company distributes a wide range of products, he focused on sustainable flooring materials as we had requested. We learned about cork flooring and some of the dynamics of that venerable industry. Cork, of course, comes from the bark of Cork Oak, which is grown in the Mediterranean area, Portugal being one of the primary producers. When asked if the new demand for the material would outstrip the supply Mark said that the producers have always had a well coordinated strategy of controlling price and supply. Even though cork is harvested somewhat like wool in that the bark rebuilds itself, there is apparently a strong program for replanting trees that do go out of production.

Mark spoke of the sustainable features of wool carpeting and said that it performs very comparably to modern nylon carpets that robbed much of wool's traditional sale's pitch when they were introduced in the late 1950's. Unfortunately the cost of wool carpet remains high, but there are some products available for under \$20 a yard, material cost. There are currently no U.S. factories producing carpet with this natural fiber.



We saw an example of a compressed wood tile. Like any innovative product, this one has undergone some trial and error in actual use and the manufacturer has made changes to the material and recommended some very specific installation methods. Several natural wood flooring products were shown. Of special interest was a plank flooring that is being produced in Oregon from "suppressed fir." These are trees that have grown slowly and more densely because they lived their lives below the primary forest canopy. This one kind of tugs at the old heart.

Two non-flooring products were shown to the group. Recycled cotton insulation is available in 3 1/2 and 6 1/2 inch batts. It has been treated to resist fire and mold and has good sound-absorbing characteristics in addition to thermal resistance properties equal to fiberglass blankets. A paint product called Safecoat is formulated not only with low volatile organic compounds (voc's) but also with significant reductions in other toxic ingredients. Mark pointed out that the voc's are an outside air issue in manufacturing and initial application, while toxic elements in common paint products affect the indoor environment for the life of the building.

In addition to describing some of his company's products Mark spoke of the importance of understanding the particular "sustainable" goals of the client before launching into the research and selection of specific products. To some owners a "green" building might mean looking at the entire energy profile of the project from programming and siting to the operational life of the building. To others "green" may simply mean selecting finishes made of natural materials. Currently there is no reliable rating method that helps the owner or specifier understand exactly how a product fits into the broad spectrum of sustainable building.

SSG meetings in October are on the 11th and the 25th. 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 Michael Madias, mike@beautifulbuildings.com or myself david@thomashacker.com.

specifiers aren't dead yet

By Jo Drummond, FCSI, CCS

At a recent meeting of the Los Angeles Chapter Board of Directors, a member who is employed by a large firm announced that specifiers would soon be obsolete. The name of the game is integrated information, all the information is on the drawings. No need for specs.

I don't think so. I think specifiers and specifications will be around for a long time. My reasons:

Computer aided drafting and design has not made drawings better than the old hand drawn version, it has made them worse. Integrating specs with bad drawings isn't going to make good drawings, it's going to make bad drawings and bad specs.

8 Mistakes are omnipresent on computer-produced drawings. Recently, some that I have seen include a door shown as aluminum on a detail and as a wood dutch door on the door schedule. Doors are shown as paint finish on the door schedule and called out as transparent finish on the detail. (The finish shouldn't be called out on the detail anyway, but there it was.) Door types and interior finishes, which don't exist, are shown on schedules. Doors are shown as the wrong type, such as aluminum doors in corridors, or wood doors on exposed exterior applications. Stone flooring is called out as thinset on floor plans, shown as mortar set on details. The key, to which is correct, is shown on the structural drawings, which show no floor depression for mortar set. And on and on, the list is endless.

On a simple school addition, one story, wood frame, just classrooms, nothing fancy, I was up to note No. 32 in notations of errors and inconsistencies to the architect, while I was doing a takeoff to determine my fee! This was before I even began to study the drawings in detail.

Project architects and job captains don't want to be bothered with the kind of detail that specifiers live with daily. They've got bigger things to think about: spatial relationships, codes, construction assemblies and dimensions. Sometimes when I ask my questions, I am greeted by "I'm glad you asked that, I haven't thought of that." My guess is that if the project architect was preparing these "integrated information" documents, they never would be thought of.

Somehow, all this detail, the stuff specifiers think of, would have to be considered in any sort of integrated information system. The difficulty is that these details do not remain constant. The kind of doors on the fire extinguishers, the arrangement of locker interiors, the kinds of paint for various surfaces, varies from job to job. They aren't like drywall, which is a constant.

Maybe people whom we now call specifiers, people who write books, will become people who choose the detail items, review documents for consistency, fill in the blanks and gaps, and do it all on drawings or on computers with pictures on them instead of computers with words on them. Maybe that's how it will happen, but the work specifiers do is necessary, and will remain so as long as buildings are built.

CSI may think we are dead, but we who do the work know better.



the MINUTES

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
JULY 26, 2001

CALL TO ORDER: The meeting was called to order by President Jim Wilson at 9:25 A.M. at 2001 Princeton Building, Vault Room.

PRESENT: Doug Allen, Joe Bolkovatz, Denise Carpenter, Igo Jurgens, Margaret Kehrli, Cherie McNabb, Jody Moore, Robert Schroeder, and Jim Wilson

ABSENT: Curt Austin, Inge Carstanjen, and Bruce Townsend

1. AGENDA:

Chapter President Jim Wilson introduced a modification to previous agenda and meeting minute format intended to facilitate the BOD focusing on completing essential business so BOD meetings can be completed within the time schedule provided by the Agenda. To this end, the Agenda will be titled, "The Critical Path".

2. CHAPTER CALENDAR:

The following dates are on the Portland Chapter Calendar:

- September 14-16, 2001- Regional Leadership Conference Strategic Planning Workshop at Sea-Tac Airport Marriott. The featured speaker is Bud Crouch. All BOD members were asked to attend.
- October 24, 2001 - CSI monthly dinner meeting at the Governor Hotel. The topic will be Livable Cities.
- November 17, 2001 - Long Range Planning meeting
- May 7, 2002 - Portland Chapter Products and Services Fair
- May 23-26, 2002 - Region Conference with CSC at Banff, Canada
- June 27-30, 2002 - National Convention in Las Vegas, Nevada

3. TASK TEAM REPORT:

Curt Austin is the team leader for the Long Range Plan Task Team. A November 17, 2001 meeting is planned. The Strategic Plan Task Team includes Jim Wilson, Jody Moore, John Lape, Joe Bolkovatz, and Rick Heiserman.

4. COMMITTEE REPORTS:

- Products and Services Fair - A debriefing will be prepared by Cherie McNabb and Cornelia Gibson.
- Education Committee is looking for a Chairperson.
- Publications Committee reported that a contract had been signed for services including publication of *The Predicator* with Dianne Kuykendall of Kuykendall Marketing Services.

5. CORRESPONDENCE:

Oregon Health Sciences thanked CSI for the donation in memory of Margie Largent's husband, Creig Anderson.

6. APPOINTMENT:

There was a motion, a second and the motion passed unanimously to appoint Bob Schroeder to fill Chuck Schrader's remaining one year term as Professional Director.

7. EMERITUS STATUS:

There was a motion, a second, and the motion pass unanimously to nominate the following for emeritus status in CSI:

- Michael Dulin
- Al Staehli
- Inge Annelise Carstanjen

8. JUNE BOD MINUTES:

June 5, 2001 Board Meeting Minutes were read. There was a motion, a second, and the minutes were approved (MSP) as amended.

ADJOURNMENT: 10:30 A.M.

Respectfully Submitted,
Margaret Kehrli, Secretary

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september chapter meeting - project tour

By Jim Wilson, CSI, CCS, AIA

Ecotrust's Jean Vollum Natural Capital Center: Proving That a Sustainable Building Can Pencil Out

Intrepid members who joined us for our re-scheduled September program enjoyed an in-depth tour of the innovative headquarters building for **Ecotrust**.

The building was originally a warehouse; constructed circa 1895 with non-reinforced, exterior masonry bearing walls and a heavy timber interior structure. It was used as a warehouse until the present adaptive reuse in to the **Vollum Center for Natural Capitalism**. Developed as a business model for a sustainable economy, the project had to meet both the owner's mission and the developer's pro forma.

'Sustainability' was the charge, but it proved a difficult standard to define. Many times throughout the tour and dinner presentation we were reminded of the difficulty the team had in knowing how to evaluate different options. We were directly challenged by the architect and developer to create a uniform criteria and a way to capture and centralize the knowledge gained from projects throughout the world.

Welcomed by **Ecotrust's Bettina Von Hagen** and **Diane Dulken**, we traveled through eight stations. Project Architect **Jeff Stuhr** of **HOLST Architecture** explained some of the unique client directives and challenges of working on a **LEED Certified** project. LEED, an acronym for Leadership in Energy and Environmental Design is a rating system developed by the US Green Building Council. You can learn more at the USGBC web site, www.usgbc.org.

The project included dismantling of an adjacent quarter-block structure and less than 1% of the demolition debris were disposed of to land-fill. Large portions of the brick, timber and lumber were reused in the Ecotrust building for construction of new partitions and modifications to the original building structure.

Structural upgrades designed by **Sean Blaire, KPFF Engineers**, addressed seismic design and the change from warehouse to mixed-use office and retail. In addition to braced steel frames and shotcrete shearwalls which preserved original window openings, new exterior steel stair towers provide necessary egress while giving additional lateral support to the building.

Mike Crawford and his team at **Pioneer Waterproofing** did an incredible job of masonry restoration. They removed the entire brick cornice to construct a new seismic-resistant CMU back-up wall and the original masonry was reconstructed and tied-back to the CMU. With an 8" to 12" settlement across the building, so few of the existing components were plumb that new work had to be built to blend in. Coursing in the recon-

structed brickwork was not necessarily nice and level! **Andy Frichtl** of **Interface Engineers** designed the environment-sensitive mechanical and electrical systems. Multiple scenarios, evaluated for their expression of the sustainable design criteria, led to the selection of a Variable Air Volume system with CO2 sensors. The lighting scheme included day lighting with glass skylights, high efficiency luminaires, lower ambient light levels combined with task lighting and occupancy sensors. Andy also discussed some interesting low-cost sensor and relay technology that can add a measure of sophistication to the operation of lights and equipment without blowing the budget.

Breese Watson, principal designer with **Edelman Soljanga Watson**, had fun with the challenge of making an interior design to meet the needs of diverse tenants and meet the project objective for reuse, sustainable products and open, yet private, spaces. The Conference Center recently housed a very successful Ten Shades of Green exhibit.


Paul Fannin of **WP Hickman** displayed a sample of the project's **EcoRoof**. Two-thirds of the building roof is covered with a living roof garden. In only 2 inches of soil, specially selected plant materials utilize incidental precipitation and help cleanse the roof run-off water.

Bo Nevue principal landscape architect with **Nevue Ngan** designed a bio-swale to work in conjunction with the Eco-Roof. The swale collects storm water from the site and utilizes plants and soil materials to cleanse it and slow run-off allowing it to percolate into the ground rather than flow into City sewers. The site is landscaped with a variety of locally produced indigenous species suited to micro climate conditions like a hot parking lot and the damp bio-swale.

Carrington Barrs, Walsh Construction's superintendent worked with the entire project team to identify, and to find, products and materials that met sustainability requirements.

Bob Naito, principal developer of **Heritage Consulting** took on the development challenge and successfully balanced the owner vision with creating a profitable venture. Surprisingly for many, Bob believes that in addition to the long-term energy and economic advantages of sustainable development, the building Owner and investors are seeing a definite market advantage in attracting tenants. **Patagonia**, the anchor retail tenant, thought so too.

You can enjoy a guided tour of Ecotrust every Wednesday at noon. The new streetcar will take you to right to the door!

 ecotrust

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BEAVERTON SCHOOL DISTRICT 48

**Request for Proposals - RFP # 01-1021
Design Construction Standards Manual**

Beaverton School District ("Owner") is seeking the services of a qualified Design Construction Standards consulting authority/firm (henceforth termed "Consultant") to assist the District in the development of a comprehensive Design Construction Standards Manual. This manual is intended to assist the District in the implementation of design and construction projects associated with its Capital Improvement Program. The District intends for this manual to be a performance-based manual with some prescriptive standards as necessary to maintain consistency and uniformity of equipment in certain areas.

Proposals for the development of a Design Construction Standards Manual will be received by Eric Wicks, Purchasing Manager for Beaverton School District No. 48, at the Administrative Building, 16550 SW Merlo Road, Beaverton, Oregon 97006. Proposals must be received by 4:30pm, Friday, October 19, 2001, at which time proposals will be opened and prepared for evaluation. Late proposals will not be accepted.

Proposal Documents will be made available to Proposers on September 24, 2001, at 9:00am

Proposal Documents may be obtained by contacting the Purchasing Office at:

**BEAVERTON SCHOOL DISTRICT
ADMINISTRATION CENTER
16550 SW MERLO ROAD
BEAVERTON, OREGON 97006
TELEPHONE: (503) 591-4461
FAX: (503) 591-4139**

A Pre-Proposal Conference will be held Thursday, October 11, 2001 at 10:00am at the Facilities Modular Conference Room, 2180 SW 170th Avenue, Beaverton, Oregon, 97006. All interested Proposers are encouraged to attend.

Due to the terrible tragedies in New York and Washington D.C., the Northwest Region Leadership Conference was cancelled.

However, our Region Leaders are working on rescheduling the conference and revising the content. We should hear within the next few weeks.



*Advancement
of Construction
Technology*

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Conference 2002

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National Conference
Construction Specifications Canada
Calgary Chapter

Region Conference
Construction Specifications Institute
Northwest Region

Engineering News*Fires, Not Planes' Impact, Cause Twin Towers to Collapse, Experts Say*

The fires resulting from two planes which crashed into the World Trade Center's Twin Towers caused structural damage to the buildings which ultimately led to their collapse on the morning of September 11, 2001, experts say. The structural damage was severe enough to overburden the 110-story towers' lower sections, causing them to topple to the ground about an hour after being hit.

The southern tower was the first to collapse, as the aircraft that struck it hit this building lower than the one that hit the northern tower. John Cryan, president of a structural engineering firm that provides consulting to skyscraper architects, said this is not surprising as the lower the impact on a structure, the greater the damage to its overall integrity.

Despite the initial damage from where the planes struck, a professor of architectural engineering from Pennsylvania State University, Rich Behr, said the one-hour delay suggests the main contributor to the buildings' collapse was caused by the fires which raged throughout the towers, fueled by full fuel tanks on the airplanes. These fires likely caused the steel beams to melt, he said.

"It was the post impact fire that was the major culprit," Behr said. There was no initial sign of stress on these tube buildings, he added, but weakened steel caused them to come crashing down as the world watched in disbelief.

—Information from abcnews.com, September 12, 2001

Industry News*"Bid Shopping" Remains Controversial Topic on Capitol Hill*

The Construction Quality Assurance Act of 2001, H.R. 1859, has brought the topic of bid shopping—the practice of a contractor asking, requiring, or otherwise pressuring a subcontractor to lower bids for

subcontracts, or accepting lower bids from subcontractors, after submitting a bid without passing the savings from the lower bids back to the Federal Government—to the forefront of the construction industry. If passed, the bill would end bid shopping on federal government contracts.

The bill was introduced in May by Rep. Paul Kanjorski, D-Pa. and Rep. Steve Horn, R-Calif. They have been joined by seven co-sponsors, including representatives from New Jersey, New York, Ohio, and Vermont. Kanjorski and Horn say the bill's purpose is to "make sure the taxpayers get what they pay for."

In the meantime, various industry associations have opposing viewpoints on this issue. While the American Subcontractors Association (ASA) supports the anti-bid shopping legislation, the Associated General Contractors of America (AGC) leads the opposition. And the General Services Administration says it wants to address the issue in a larger comprehensive reform of the procurement process.

It is expected that the House Government Reform and Oversight Committee will have a hearing on this legislation in the fall.

—Information from The Subcontractor,
August/September 2001 issue

Environmental News*Building Alternative Systems Proves Challenging for Officials*

If building green is generally viewed as a positive step in the right direction, why then is it so difficult to make these plans a reality? Since codes have provisions for using new and unconventional building systems, methods, and materials, why is getting these projects approved such an ordeal? The following five reasons have been identified as the most likely contributors.

- *The perception of risk.* Because building green is still relatively new, and thus, much is still unknown, this translates into added risk on the part of the building official.

the NEWS FROM THE INSTITUTE

- *The burden of the process.* Companies and businesses interested in using new or alternative building materials, products, or systems must go through a long approval process. The time and money investment in this process alone is enough to make many builders think twice about using unconventional means.
- *Time limitations.* Since reviewing and approving alternative approaches requires more time, attention, and documentation than conventional plans require, this burdens the typically understaffed building departments.
- *Information limitations.* Because building officials oftentimes have less basis on which to judge the proposed new design, material, or method, determining what qualifies as safe practice can be difficult.
- *The status quo.* People tend to take comfort in what they know; it is natural for people to resist to some level what is different or new.

—Information from Environmental Building News,
September 2001

Institute News

A Note From CSI

From the very informal communications we have received thus far, CSI members in the New York City area are OK following the events of September 11. The presidents of the Metropolitan New York, New Jersey and Long Island, NY chapters have indicated that there has been no major injuries or loss of life that they are aware of. Communicating with members has been slow, but thankfully all the news has been positive.

As the recovery continues, members across the country want to know how others are doing and how they can help. So as not to overburden any chapter or it's leadership, we are encouraging you to use the CSI web site, www.csinet.org as a conduit to share news and information about the status of members at this time. A letter has been posted on the home page from Institute President Ross Spiegel and Deputy Executive Director Tony Keane to the members. We will continue to post updates there.

Also, if you can offer information about members, ideas to aid those who need assistance, or wish to share a message of support, please post a comment in the Forum page (see left hand navigation bar) for "Chapters and Regions" under the title "September 11 Tragedy Member Support." We will keep you appraised of developments and ways that you can assist the chapters with this effort.

Right now, everyone is assessing the damage and their personal situations. It is uncertain what will need to be done, but there are several ways CSI will be able to help our fellow members in the near future. Firms that worked with members who had offices in destroyed buildings can help restore their specifications document files and replace their libraries. Members who are unable to return to their buildings may need office space or business services to get back on track. We will put out a call for assistance as soon as those affected are ready to resume business.

CSI is a community of professionals with ties far beyond the business of construction, and so many are concerned for the welfare of our members in the metro NY and DC areas. Thank you for making this an association of caring individuals.



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Architects/Spec Writers/Soils Engineers/Contractors

continued from page 3
BS by KS

Other reliable paint crossover lists have also suffered from the introduction of the MPI. When the Oregon Paint and Decorating Coatings Association Table of Products came up for revision this past year, the architectural representative of one of the leading companies in MPI stated he was going to only promote MPI. If asked to submit products for the PDCA list, he indicated he would submit his company's "junk" products. When this company submitted a lower quality level for inclusion this past year, the revision of Oregon PDCA Table of Products was delayed due to the rancor of other paint product manufacturers who chose to submit their best commercial products. It is noted I have included the PDCA Table of Products in my paint specification section for many years and have never had a problem. If you are interested in obtaining the latest copy of this publication contact them at 503-236-7964 or fax: 503-591-8426. They also have the PDCA Performance Standards P1-92 through P9-00.

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The reasons for adoption of MPI are easy. The program seems to take the guesswork out of specifying paint, allowing true apples to apples comparisons of different manufacturer's paints. Unfortunately for the industry, coatings only have to be so good to be accepted by MPI laboratory tests. This state of the coatings industry is leading some top paint manufacturers to dumb down their product mix to compete on that level playing field. For other manufacturers, it is a struggle to upgrade their product level to be accepted in the first place.

Unlike other areas of specifications, the architect/specifier apparently has moved away from looking for the best paint products for individual applications.

It appears what is even more unfortunate for the industry is acceptance of MPI takes the reasoning involved with selecting paint products out of the hands of the architect/specifier and into the hands of a lucrative business that promises a lot and delivers only for those who support them. While the concept of MPI is promising, the method it uses to get there raises some serious questions.

the FINE PRINT

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kms@pacifier.com or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

PORTLAND CHAPTER Advertising Opportunities

BUSINESS CARD ADS: Only \$75 per issue or even better \$500 for the year (11 issues).
INSERTS: Member Price - \$ 250 (Non-Members \$300 or join and \$50 will be deducted from your membership fee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) All advertisements must be approved by the Editor.

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Portland Website
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NORTHWEST REGION CHAPTER MEETINGS

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Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
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THE PREDICATOR

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Name: _____

Company: _____

Telephone: _____ Fax: _____

Guest(s): _____

Payment Method: Check Visa MasterCard

Date: October 23, 2001

Time: 5:30pm Meet colleagues — No-host bar
6:30pm Dinner by Jake's
7:30pm David Lee, FAIA

Location: Princeton Building - Ballroom,
614 S.W. Eleventh

Amount: _____
(\$35.00 per person — Special Table for 10 only \$300)

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Pre-paid reservations required!

Special event price: table of 10 for \$300!

**Fax your reservation no later than
Oct. 19, 2001 by 5:00pm to (503) 297-3183.**

Checks should be mailed to: CSI, 9578 SW
Morrison St., Portland, OR 97225
If you have a question, call the CSI Portland
Chapter office at 503-297-2162.

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PREDICATOR

improving the process of creating and sustaining the built environment

Changes in the Work *Establishing a Fair Value and Getting Paid*

Tuesday, November 13, 2001

By Jody Moore, CDT

The beginning of a project is typically an occasion for optimism. With fresh documents, coordinated schedules, and clear agreements we view the new work as an opportunity for success. We start with a confidence that we know what is desired and how much it will cost.

But even as the ink is drying on the contract and the dirt begins to move, we will start to encounter the one force that is impossible to avoid in even the best laid plans —change.

On November 13, **John Baker, Attorney with Jordan Schrader** —who is also a registered Architect and former contractor —will tackle this difficult topic with our distinguished construction team.

Owner's Representative

Karl Schulz, Sr. Project Manager, OR Convention Center Expansion

Architect

Ken Mouchka, AIA, CSI, CCS; Associate Principal, SRG Partnership

General Contractor

Larry Sitz, Partner and Vice-President, Emerick Construction

Subcontractor/Consultant

Phil Law, Oregon & Alaska Division Manager, W.A. Botting Mechanical

Through the development of typical project scenarios, we will address:

- Why changes occur and the effect they have on the project.
- How making changes often results in a tangled mess.
- When the concept of 'fair and reasonable' goes crosswise.
- Who really benefits when the talk turns to 'backcharge and impact.'
- What each member of the Team needs to do to improve the process.

How have changes in the work affected you? Bring your questions and concerns and get a fresh perspective from our experts on handling the only constant you can really count on —change.

Princeton Building — 614 S.W. 11th Avenue

\$30 per person — Sponsor a table of 10 for just \$275

5:30PM Meet your Colleagues in the Ballroom

6:30PM Dinner, Catered by Jake's

7:20 to 9:00PM Panel Presentation

Register today! Please see back cover for reservation form.

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VOLUME 41, NO. 4

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

president's message

By Jim Wilson, CSI, CCS, AIA



Reduced risk, enhanced efficiency, more value - who wonders whether a Project Owner would find these attractive? Who wonders whether a Project Owner would see the benefits offered and choose - over the alternatives - the Project Team that can deliver these benefits?

The aggressively competitive environment of the construction industry can stifle any opportunity for collaboration. Sharing knowledge and experience with competitors may appear to be hazardous - sharing my knowledge, I will give to others whatever advantages it affords. Kristin Ralff Douglas the Editor of *Environmental Design + Construction* magazine notes, "If you seek constant improvement you will never be afraid to share what you have learned, because you will always be learning more." Engaging in a dialogue to explore problems and ideas with others, encountering diverging insights that enrich our comprehension of the subject, we can acquire new knowledge. Embrace learning as a continuous process, and you can acquire a learning attitude - even in matters formerly taken for granted.

A learning attitude is certainly one reward of collaboration, but it requires greater interdependence with our peers. In a competitive business environment diminished independence may be seen as something to avoid. By its nature, construction is a highly interdependent enterprise. Project teams embrace multiple disciplines and differing aspects of those disciplines. The engineer who designs the structure will experience a different Project than the engineer who constructs it. Yet, they have mutual interests that will be most completely realized by working together - collaborating. Collaboration among the members of the Project Team will yield greater client (Project Owner) satisfaction. Collaboration enhances efficiency, reduces costs, stimulates innovation, and encourages pro-active behavior. Regardless of their knowledge at the outset, over time a **pro-active** team

will realize greater success than a reactive team responding to situations only as they arise.

The inherent virtue of a collaborative environment is the equal sharing of blessings; the inherent vice of an aggressively competitive environment is the equal sharing of miseries. The sharing of knowledge and experience is something I believe members of CSI become passionate about. Diversity of membership is the most significant asset CSI possess, and within the construction industry such diversity is unique to this organization. Because it embraces all members of the Project team, CSI is your gateway to collective knowledge. The value of this is realized when these diverse members interact with one-another. The value increases to the extent that their interaction facilitates collaboration.

Reflect on a highly successful project with which you have been involved. No doubt, it was a project that realized the goals your firm established for it at the outset. It probably even exceeded those expectations. As a result of that experience, you forged relationships that quite likely have continued long after the work was done. Through those relationships you created new opportunities in your business and personal pursuits, and you acquired more knowledge and further insights. I expect you will also find a good deal of collaborative effort took place, and that effort emphasized **what was going to happen**, not everything **that had happened to date**.

This idea of collaboration is what CSI, at its most elemental level, is all about. If you think your organization would benefit by working more collaboratively, participation in CSI is the indispensable tool that can help you realize that goal. Because CSI is about the sharing of knowledge you will discover learning as a continuous process. Because it is dedicated to facilitating what is going to happen, not dwelling on what happened in the past, CSI offers a **pro-active** outlook. These are the essential skills to acquire for anyone seeking to work collaboratively. Because of the immense value that you and your organization stand to gain by practicing collaboration, you should be participating in CSI.

Is it progress if a cannibal uses a knife and fork? — Stanislaw Lem

You have heard the term "snail mail" which refers to our US Postal Service. I went along with that term until recently. I mailed out nearly 70 requests for revisions to each individual Plan Center listed in our CSI Northwest Region Plan Center publication. The list is updated not less than once a year. I deposited these requests in our main Salem Post Office at 7:00 p.m. Was I in for a surprise! I received a fax message with revisions at 9:15 a.m. the next morning from a Plan Center in southern Washington. At 2:00 p.m., the same day, I received a fax with corrections from a Plan Center in Klamath Falls, Oregon. This does not fit the term "snail mail". Believe me, I am not going to refer to the USPS as "snail mail" in the future.

I have sent out our revised Plan Center list to all known Plan Centers within our CSI Northwest Region. If you would like a copy (3 pages), contact me and I will either mail or fax one to you. I do not know how many CSI Regions prepare a Plan Center List for their members. It has been a great help in our Region. One item that surprised me is the amount of Plan Centers within our Region.

An item that came to my attention from Dick Gira (long time CSI member who retired and moved to Sun City West, Arizona) is a new roofing shingle that not only serves as a roofing shingle but is also a solar shingle. These shingles are nearly indistinguishable from traditional asphalt shingles. These shingles minimize the visual impact to going solar. One catch is that these shingles cost \$23.00 per square foot versus 3 to 5 dollars per square foot for asphalt shingles. When one figures in the cost for solar panels (which stand out like sore thumbs) plus the incentives that many states have available, it seems to me that one should consider solar shingles. When more energy is produced than needed during hot months, the electrical meter runs backwards. This pumps that excess energy into the utility grid and chalks up energy credits. The manufacturer of these shingles is Beckaert ECD Solar Systems based in Troy, Michigan.

As some of you good folks know, I do not think a comma is necessary after a city when using the USPS's abbreviated two-letter state designation. What they show in the Postal manual is that they will

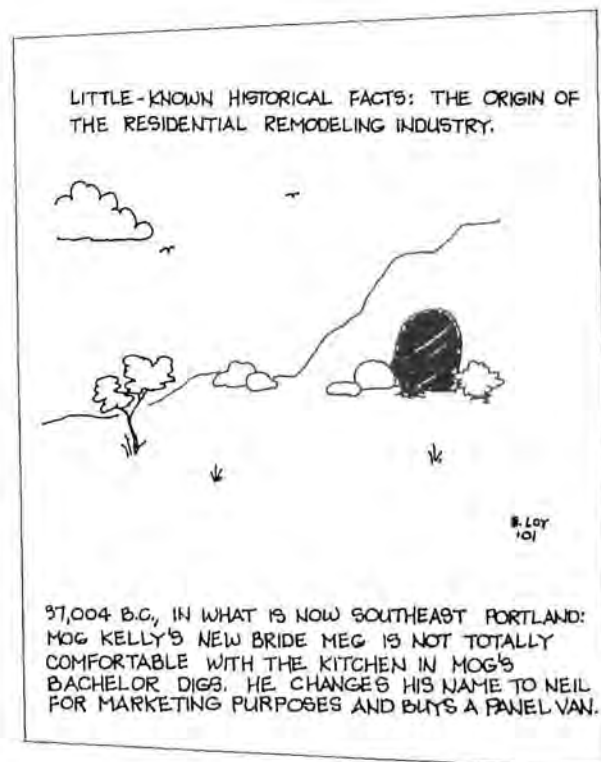
accept a comma but they prefer no comma. One of the local Postal workers told me that when the address is handwritten, sometimes their sorting machinery cannot distinguish what it is. This side-tracks it until further inspection. I never use a comma because it seems to me it looks much better without. Oh, yes, I hear the old saying, "We have always done it that way" and I snort a bit.

Now, on to another complaint from me. Why are we putting commas between professional honors and titles? For example, John Smith, FCSI, CCS, CCCA. The answer is not that we have always done it that way. Several years ago, no commas were evident. Why are we now using commas? It certainly does not look good with commas. I noticed years ago, many people were using semi-colons. Now you do not see many semi-colons. Who says we don't or can't change?

the real world

By Ed Loy, CSI, CDT

3



the CALENDAR

Portland Chapter CSI Events

Join us the second Tuesday of the month — except as noted — in the Ballroom at The Princeton Building, 614 SW 11th Avenue

Nov. 13 **Changes in the Work - Establishing Fair Value and Getting Paid**
Change happens, and all the parties have an interest. This is an area where CSI's mission of "improving the process" can really make a difference. Join our panel, moderated by John Baker, attorney with Jordan Schrader, for a lively and challenging discussion about a difficult topic that affects us all — change.
Dinner Meeting. (1.5 LU's)

Nov. 28 **Moisture Problems in Finish Floor Substrates — An Industry-Wide Perspective**
See page 5 for more information.

Dec. 11 **Recognizing Excellent Owners— Their Projects and Their Teams**
Join us for our second annual December Owner-recognition. This year we will focus on a growing part of our industry: Senior Housing. (1.5 LU's)

2002

Jan. 8 **Regional Impact of Global Trends Architecture Here and There**
In the first of our series of programs on globalization, we will be looking at the practice of architecture worldwide. Many firms in the Northwest are now working in other parts of the world. We will explore how this is affecting local work, with emphasis on the opportunities and the challenges of globalization for each of us in the construction industry. (1.5 LU's)

Feb. 12 **CSI Celebrates Engineering Month Regional Impact of Global Trends**
This evening we will be looking at engineering around the world, the international firms that are leading the way, and the effect working globally is having on the way we approach projects in the Northwest. (1.5 LU's)

Mar. 12 **Regional Impact of Global Trends - 3 The Canadian Angle**

Apr. 9 **The Marketing Event with SMPS**
Experts from the Society for Marketing Professional Services will again lead us in an interactive exercise to open our marketing minds. (1.5 LU's)

May 7 **Portland's Products & Services Fair**
The premier showcase of products and professional services in the Northwest will occur in the Oregon Convention Center. Put this date on your calendar now, and be prepared to enjoy meeting your colleagues at the Fair and our *very special guest*.

Region & National CSI Events

May 23-26 **Conference 2002 Banff, Alberta Canada**
Joint CSI NW Region and CSC National Conference. Plan now to attend!

June 27-30 **The CSI Show 2002 46th Annual Convention & Exhibit Las Vegas, Nevada**
Las Vegas Convention Center

For further information about these events, please call the CSI office: 503-297-2162.

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 503-318-8046
(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767
(meets every other Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predictor*, Dianne Kuykendall (503) 631-3782.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

the ANNOUNCEMENTS

Associated Floor Covering Contractors of Oregon & SW Washington
World Floor Covering Association and CSI Portland present a half-day seminar.

MOISTURE PROBLEMS IN FINISH FLOOR SUBSTRATES AN INDUSTRY-WIDE PERSPECTIVE

Wednesday, November 28, 2001 8:00AM — 1:00PM

The largest finish flooring trade association in the industry, World Floor Covering Association (WFCA) in concert with eight other finish flooring organizations has released two publications representing an industry wide consensus on addressing moisture problems and finish flooring

Position Statement on Moisture Emission Testing Moisture Emission Testing - Responsibility and Qualifications for Testing

This in-depth seminar will provide the opportunity of understanding the methods and solutions proposed in these publications and an introduction to the Portland Chapter CSI Specification Writer's Share Group proposed data base of moisture and finish floor problems.

Speakers at this event will include:

- **Mr. Ray Thompson - Armstrong World Industries Head of Technical Training programs** for who brings a diverse perspective having worked as an Contractor/installer, technical representative and independent consultant/inspector.
- **Bob Higgins - Sinak Corporation** and presenter on this subject at the **CSI National Convention in Dallas - also on the program for CSI 2002 in Las Vegas.**
- **Andy Marks - Morse Brothers** will offer perspective on issues related to concrete.
- **John Duty - Don Frank Co.** will address issues relative to jobsite supervision .

The Seminar will cost \$50, including lunch and will provide 4 AIA HSW credits. It will be held at the Radisson Hotel, 1441 NE 2nd Avenue, Portland.

The Future of Construction Documents; Blockbuster Slate of Speakers Coming to the Minneapolis - St. Paul Chapter, CSI, November 19, 2001 Web-Conference

Construction documents are changing, and how they change will affect everyone in the industry. How will specifications be prepared? How can suppliers make sure that their product information is in the best format? The answers to these and other questions will be addressed by four influential people in the construction industry at an interactive chapter meeting on Nov. 19.

Sheldon Wolfe, CSI, CCS, CCCA, president of the Minneapolis-St. Paul Chapter, CSI, invites all chapters to participate in this meeting by web-conference. Remote users will be able to access the program using a standard Internet browser and telephone, and will be able to direct questions to the speakers either by voice or by keyboard. There will be an afternoon and an evening session; each session will cost \$90 per remote location in the United States.

The afternoon session will focus on currently available resources-MasterSpec, SpecLink, and the Internet-and how to use them. Speakers will be Ted Smith, CSI, FAIA, President of ARCOM; Robert Dean, CSI, CCS, AIA, President of BSD; and Colin Gilboy, CSI, CCPR, President of 4specs.com. The evening session will feature a look into the future of construction documents, with comments from the afternoon speakers, and keynote speaker Robert Johnson, FCSI, CCS, CCCA, AIA, Vice President at RTKL, former CSI president, and chair of Workgroup Two for the Overall Construction Classification System (OCCS).

Contact Jaime Nolan at (763) 744-1424 or jnolan@synergy-resource.com for more information and to sign up. There is no limit to the number of attendees at any location. However, there is a limit to the number of connections, so don't delay.

CSI CERTIFICATION FOR PERSONAL & PROFESSIONAL GROWTH

I was asked recently why a person should obtain a CDT, CCS, CCCA or CCPR certification. I've had my certification for nearly 20 years now, and during this time I haven't thought much about this question. Many years ago, I was told by my boss to get certified so that I could change the office specification to the new 5 digit numbering system. Since then, I have felt that it is important to continue education. Now that I am the Certification Chair for the second time in my career, I have found a list of 10 reasons to become CSI certified.

Top 10 Reasons to get your CDT certification:

1. Establish your professional credentials
2. Earn industry recognition
3. Sharpen your competitive edge
4. Improve your skills and knowledge
5. Boost your earnings potential
6. Improve communication among team members
7. Show your commitment to excellence
8. Build your confidence
9. Prepare the 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, building owners, building managers, contractors, contract administrators, project managers, material suppliers, manufacturer's 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 workplace 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.

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 (CCS), Certified Construction Contract Administrator (CCCA), or Certified Construction Product Representative (CCPR). It could be the fuel you need to spark your career. Are you up the challenge and the test?

- 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

April 6, 2002 - Exam in Portland, OR

Early Bird Registration before 12/1/2001

CDT: Members \$150, Non-Members \$250, Student \$85
CCS/CCCA/CCPR: Members \$200, Non-Members \$300

Final Registration before 1/31/2002

CDT: Members \$200, Non-Members \$300, Student \$85
CCS/CCCA/CCPR: Members \$250, Non-Members \$350

The above costs are for the exam only.

PORTLAND CHAPTER TO HELP CANDIDATES PREPARE FOR EXAMS

The Portland Chapter will be sponsoring a series of classes after the new year to help CDT Certification candidates prepare for the exam. The exams will be offered for a cost of \$125. The registration for the classes is separate from the examination fees listed above and must be made through the Portland Chapter.

The classes will begin on Wednesday, January 30, 2002 at a place to be determined. Please watch for schedule information in upcoming issues of The Predictor. To be sure you don't miss out, please give Ray Totten a call or e-mail to indicate your interest.

R. Ray Totten, 503-635-4425, ray@archbbl.com

WHAT DO YOU SAY?

...news and views from the Specifier Share Group (SSG)

On September 27 our Share Group guest was Jeff Shearer of Fred Shearer & Sons, Inc. We asked Jeff to give us an update on cement plaster (stucco) and a "new", but actually very old, interior finish known as "polished plaster." Here are some of the points that were discussed.



Stucco can currently be specified in a range of hardness, with the traditional composition at the "soft" end and "limestone stucco" at the hard end. In between is cement plaster with an acrylic additive, a finish that was developed by the EIFS (Exterior Insulation and Finish Systems) industry. Jeff pointed out that stucco, if properly applied, is just as reliable a finish now as it has always been. He noted a couple of areas where problems can occur. One is in the installation of the building wrap or paper. He reminded us to think about the stucco layer only as a screen and to realize that it is the membrane behind the stucco layer that must stop any moisture from reaching the building sheathing. It is this critical membrane that can often be installed by laborers who don't have an understanding of its purpose and may not install it properly. He recommended that this layer be installed by the stucco installer so that there is a single point of responsibility and coordination for the watertightness of the exterior finish.

Jeff also pointed out the very common specification requirement to use a "weep edge" along the bottom edge of a stucco wall panel. This edge strip is tapered to direct moisture out of the stucco, but as Jeff illustrated for us, it creates a very thin edge of stucco that is very prone to splitting off over time. He recommended using a square "J" shape with perforations that keeps the full thickness of stucco right to the edge.

The second topic covered was a plaster coating system that is gaining popularity for interior surfaces. It was used as far back as the Roman Empire. This is a thin plaster coating with integral color that is

applied over a properly primed substrate (commonly gypsum board). Some applications use multiple coats to achieve special color and texture effects. Jeff suggested thinking of it more as a paint system or wallcovering than like a true veneer plaster. Until recently this product has been available from European manufacturers under brand names like Armourcoat and Hopper. Jeff said that U.S. Gypsum will soon be entering the market with a similar product.

On October 11 the Share Group reviewed a couple of documents that were generated by the Concrete Slab Moisture Problems Task Force. The Task Force is recommending adoption of (1) a Guideline to Minimizing Moisture-related Finish Problems in Concrete Slabs and (2) a Log to be used in recording the actual construction data and conditions that occur on site. Anyone who has had an interest in this topic knows how difficult it is to find agreement about the causes of floor finish failures, let alone what the solutions might include. But the dialog (often slipping into debate) is leading to a consensus about some of the fundamental "best practices" that we expect to publish in the near future.

The second component of the Task Force's efforts may be a real help to the industry. The Project Log for Concrete Slabs is intended to be a record that will contain, in one location, information about the actual materials, mix designs, environmental conditions and testing results related to the slabs that receive floor coverings. The Share Group is trying to understand which party or parties should be responsible for keeping this record. There are persuasive arguments for seeing this area somewhat like a Special Inspection and having the Testing Agency be the prime inspector and recorder. In addition to providing Quality Control on individual projects, we anticipate that this information can become part of a database useful to the construction industry in evaluating problems and reducing failures.

Upcoming SSG meetings are November 8 and December 13. 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 to either Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

the future of specifications

By Sheldon Wolfe, RA, CSI, CCS, CCCA

The future of specifications is of obvious interest to specifiers, but it will also affect everyone in construction. Any change in the way specifications are produced will impact the entire construction industry. The role of the specifier has changed little in the past fifty years; many changes are related more to process than results:

- Many specifiers used to begin their careers as clerks. Specifiers today often have professional education.
- Specifiers used to write their own specifications. Today we have several commercially produced master guide specification libraries.
- Fifty years ago there was no common standard for specifications sequence, content, or format. Today we have standards promulgated by CSI.
- Production tools evolved from typewriters to mainframe computers to personal computers.
- Editing evolved from redlining to word-processing, to question-and-answer systems.

Once simply a time-intensive and barely adequate means of telling a contractor what to do, construction documents will have real and continuing value to the owner.

Think of construction information not as a set of paper documents, but as an electronic construct that contains the accumulated knowledge of the owner, design professional, contractor, and suppliers. It will be the "single document" that we now only pretend to believe in.

Something akin to Internet browsers will use the construct to produce documents, tables, graphs, or details of any part of a facility as required. When the project is complete, the owner will incorporate the information into a master file for operation and maintenance. And when the next project comes along, the design professional will get information that truly reflects existing conditions.

This presents an opportunity for someone to integrate *all* of the information, and to make it easily usable by contractor and owner. If some profit-making company - Microsoft, for example - creates an electronic system that addresses all of these issues, it will quickly become *the* industry standard, sold directly to owners, who will require design professionals to use it.

Specifiers can anticipate these changes, or they can ignore them - and be displaced. Similarly, CSI can anticipate the coming changes and maintain its position as the organization that sets the standards for construction information, or it can ignore them - and be displaced.

Work on the Overall Construction Classification System (OCCS) and changes to MasterFormat are steps in the right direction. Those members who interfere with those efforts in a narrow-minded attempt to maintain the status quo do all of us a disservice; they might just as well argue for restoring the dominance of Tyrannosaurus Rex.

Sheldon Wolfe, RA, CSI, CCS, CCCA,
swolfe@bwbr.com
on the web at www.NorthStarCSI.com

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Some things have not changed.

- There are relatively few dedicated specifiers. Engineers write their own specifications.
- It is difficult for a single person to completely understand all aspects of construction documents.
- Specifiers are sometimes seen as a necessary evil rather than an integral part of quality assurance and document production.
- Appearance takes precedence over performance. Project managers often do not understand products or the consequences of their decisions about contract documents.
- The relationship between specifier and supplier is essential; neither party can be abused.

forecast: unsettling and stormy, followed by improved conditions

Specifications may soon change significantly. CAD vendors have long promised that specifications, material quantities, and other information will be produced directly from drawing files. Recent changes in technology may make good on the promise. The importance of construction documents will increase as they address the needs of the owner.

the **MINUTES**

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
September 4, 2001

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

PRESENT: Doug Allen, Curt Austin, Joe Bolkovatz, Denise Carpenter, Inge Carstanjen, Margaret Kehrli, Cherie McNabb, Jody Moore, Bruce Townsend, and Jim Wilson

ABSENT: Igo Jurgens, Robert Schroeder

ALSO PRESENT: Lee Kilbourn, John Lape

1. TASK TEAM REPORT:

- Long Range Planning - The last meeting was held in June. A Long Range Planning meeting is scheduled for November 17th. A facilitator and a group that includes the Long Range Task team will set goals for the Portland Chapter of CSI for the next 3 to 5 years
- Region Leadership Conference Strategic Planning Workshop will be held September 14-16, 2001 at Sea-Tac Airport Marriott. Interested members of Portland Chapter of CSI were invited to attend. A poll was taken of BOD members who planned to attend.

2. COMMITTEE REPORTS:

- Library Committee. There was a motion, a second and the motion passed unanimously to form a task team composed of Joe Bolkovatz, Cherie McNabb, Margaret Kehrli, Denise Carpenter and Inge Carstanjen. The task team was charged to review all stored materials and provide recommendations on materials to be retained, displayed, or made available for others. The task team is to report its recommendations at the October BOD meeting
- All other committee reports were tabled.

3. FINANCIAL REPORT:

- There was a motion, a second and the motion passed unanimously to express gratitude, appreciation, and respect for John Lape's past efforts and renew his role as Finance Director.
- John Lape submitted the financial report to the BOD.
- The financial report included profit from the Products and Services Fair and Golf tournament.

4. CORRESPONDENCE:

A request for emeritus status was received and will be reviewed at a future BOD meeting.

5. SEPTEMBER BOD MINUTES:

July 26, 2001 Board Meeting Minutes were read. There was a motion, a second, and the minutes were approved (MSP) as amended.

ADJOURNMENT: 1:05 P.M.

Respectfully Submitted,
Margaret Kehrli, Secretary

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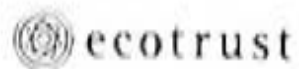
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The Banff Centre

National Conference
Construction Specifications Canada
Calgary Chapter

Region Conference
Construction Specifications Institute
Northwest Region

september chapter meeting - project tour



(l-r) Igo Jurgens, Bob Carothers and Jim Wilson



(l-r) Jim Wilson, Joe Bolkovatz and Jody Moore

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Tour group at Ecotrust's Jean Vollum Natural Capital Center

wren's western output

By Annette Wren, FCSI, CDT

"Let your life shine as an example!" If you read this column, you have read that line before. For many years, that is the theme of my December articles. Due to the extraordinary events in our country on September 11, my feeling is that it is time for this message now!

"Let your life shine as an example!" We have witnessed the actions of pure goodness from humanity! We have witnessed tremendous courage. We have witnessed great sorrow. We have also witnessed the actions of pure evil. For many of us, it is time for reflection, gratitude and prayer. As we watch and read about the recovery efforts, many feel that they want to contribute in some way. And, many have found their way to contribute. Many of us in the construction community will be called upon in the future to contribute skills to build and rebuild structures of strength. Many experience feelings up and down the scale of emotions regarding the acts of kindness, atrocities, loss of life, and the uncertainty of any future terrorist acts. What will the future bring?

"Let your life shine as an example!" Humans pretty much live by example. Adults watch each other. Our children are watching. Even if you do not have children, children are watching the example that you are. We are aware that some children are being taught to hate others who are different. We have become more aware of "unevolved" cultures that promote hatred of the Western world. We know that

we cannot influence everyone in a positive way. In the past, we have observed other countries that have a knee-jerk violent reaction to violence. We are aware of our government's positive example in their intelligent, vigilant efforts to find justice in a very twisted plot of destruction. The world is watching our example and actions. What can you do?

"Let your life shine as an example!" You are the answer! You are unique! You came to this planet as a one of a kind deal. No one can be like you or ever replace you. Forget about all of the so-called things that are supposed to be "you" like your possessions. Life is a gift that can be taken in an instant. This is a gift that none of us can keep indefinitely. When you leave, your possessions are not going with you. What you "are" will always be you, uniquely you. So, who are you and how can you be the answer?

"Let your life shine as an example!" You can just walk down the street and live your life. You can be a valuable citizen of our world just by your "being". You do not need to find the cure for cancer or walk on the moon. You do not need to save lives. You do not need to be famous. All you need to do is BE YOURSELF. Be your best self. Choose to be part of the solution on this planet not the problem. Choose to be a positive example for others in whatever you do. You can be an example by participating in the "agreement" that you will be the best in humanity! "Let your life shine as an example!"

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renewing members in 2001

AUGUST 2001

Baker, Mike, CSI
Beach, David, CSI
Beard, Alan J., CSI, FAIA
Brockway, Elizabeth, CSI
Geppert, Gary R., CSI
Gross, Dale R., CSI
Hubbard, Stephen A., CSI
Hurley, Richard P., CSI, CDT
Jackson, Ron, CSI
Joens, Linda, CSI
Jonson, David A.
Kilbourn, J.P., Dr., CSI
Kloster, Kaye, CSI
LaFarge, Mark, CSI
Latham, Dennet W., CSI, CCS
Lundell, Martin, CSI, CDT
Nicholson, Raymond, CSI, CDT
Owen, Sean, CSI

Rother, Jim, Jr., CSI, CDT
Saba, Karen L., CSI, CCA
Schwarz, Andrew J., CSI
Sipe, Monte L., CSI
Stafford, Tim, CSI
Vockler, Patricia, CSI
Wharry, Mark B., CSI
Yamin, Cyrus, CSI, CDT
Young, Jim, CSI

SEPTEMBER 2001

Ashenbrenner, Peter, CSI
Bishop, Tana, CSI
Booth, Mark E., CSI, CDT
Chang, Marjorie S., CSI
Fitzgerald, Calista L.
Flagg, Stephen F., CSI
Isaacs, Douglas G., CSI
Isles, C. Thomas

Keil, Brian D., CSI, CCPR
Kelso, James G., CSI
Kirk, Thomas L., CSI
Kisling, Paul, CSI
Logan, Nickie L., CDT
Luenen, O. Van, CSI
Marlatt, Pamela, CSI
Maros, Michael, CSI
McCurdy, Philip R., CSI
Moyes, Mark B., CSI
Newbrook, Arden M., CSI, AIA
Pavitt, Bill, CSI
Reisinger, Kirk, CSI
Rueda, Xavier E., CSI
Schroeder, Robert V., CSI
Seeley, Gregory Allan, CSI
Sheehan, Jim, CSI, CDT
Strauhal, Peter Lyle
Totten, R. Ray, CSI, CCS, AIA

is that all there is?

By Sheldon Wolfe, RA, CSI, CCS, CCA

During the last fifty years, CSI has played a significant role in the construction industry. Originally a group of specifiers intent on bringing order to construction documents, the organization has grown to include a large number of product suppliers and design professionals. Founded by specifiers, the majority of CSI's efforts, until the last few years, have been directed toward specifications and other text documents used in construction.

Throughout this time, CSI has been perceived as an organization of specifiers, regardless of the true makeup of its membership. According to recent membership statistics, about five percent of CSI's members claim to be specifiers. Overall, our members are about one-third design professionals, one-third suppliers, with a handful of people in each of several other occupations making up the rest.

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Obviously, CSI has grown and changed, yet its activities have remained focused on specifications - until recently. There is no doubt that construction documents are the foundation of construction; they are the legal instruments that govern the responsibilities of all members of the construction team. As such, they should always be an important part of CSI's focus.

And they are. Consider the documents that have been offered by CSI. UniFormat and MasterFormat establish rules for organizing construction products, procedures, and information. SectionFormat describes how a specification section should be written. PageFormat sets standards for the way specifications appear in print. The current Manual of Practice discusses how contract documents are prepared and interpreted, focusing primarily on text documents - but also addressing coordination of specifications and drawings. We used to have several other technical documents, their focus also being specifications.

Look at our publications and activities. Our magazine, the Construction Specifier, regularly has several articles about products, written with the specifier in mind. Chapter meetings are usually based on technical information aimed at specifiers, as are product fairs. Newsletters generally advise members about coming meetings or report on the last meeting; those that go further add technical information about products. Rare is the activity or article that addresses the needs of the industry members.

Two recent developments begin to move away from specifications, but not very far. Perspective, developed in cooperation with the Design Build Institute of America, does not deal directly with specifications, but is instrumental in determining what will be included in them. The UDS marks a significant change, dealing almost exclusively with drawings.

But is that all there is? Are specifications all that we should talk about?

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on the web at www.CSI-MSP.org

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NEWS FROM THE INSTITUTE

Institute News

National Public Relations Campaign Moves Forward to Raise CSI's Visibility

As a member of CSI, you already know about the organization's benefits and what services it provides to the construction industry. However, there are still people out there, including prospective members, who have either never heard of CSI or who have little understanding of what it is CSI does.

That's why the Institute hired in July the Potomac Communications Group, a public relations firm in Washington, D.C. The goal is to generate press coverage that will get CSI on nonmember readers' radar screens, have them form a positive perception of the organization, and be more receptive to membership in CSI and to its products, programs, and services.

During the summer and early fall months, the PR firm has been focused on helping CSI "gear up" to attract press coverage. For example, one important aspect of the PR plan is the development of a "how to" kit that chapters will receive this fall to help them generate media attraction at the local level. Other ongoing projects include:

- A CSI media kit to be distributed to construction reporters and editors.
- Media training for senior Institute officers and staff. Institute President Ross Spiegel and President-Elect Phil McDade have received training on how to properly convey CSI's messages in an interview setting.
- A press release to the construction press regarding CSI's online seminars program.

The external public relations campaign aims to position the organization with target audiences

as a premier integrating force in creating and sustaining the built environment, a goal of CSI's Strategic Plan, approved by the Institute Board in 1999. The Strategic Plan calls for a national external communications campaign as one tactic for achieving the "integration goal."

In working with reporters and editors, Potomac Communications will focus on conveying these messages to CSI's target audiences via the construction press:

- CSI is the only organization that brings people together from all disciplines to network and help them succeed professionally.
- CSI is a construction industry leader, developing the industry-wide language for processing, interpreting, and communicating construction project information.
- CSI is a critical provider of products and services that make a tough job easier for practitioners.

There are many, in addition to specifiers, that CSI benefits — such as design architects, builders, suppliers, engineers, and building owners. It is anticipated that another benefit of heightened trade press coverage will be to highlight CSI as helping *everyone* in the industry do his or her job better.

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**Advancement
of Construction
Technology**

The Portland Chapter CSI Library Committee met at noon on Wednesday, October 3, 2001 at the Oak Street entrance to the Henry Building. Two members of the Library Committee (Dan Graham of AGC and Perky Kilbourn of CCML) viewed the space with Furlton Burns, Executive Director of 7th Step Foundation of Oregon. Portland Chapter CSI needs a space for the Construction Resource and Library Center (CRLC).

This means shelf space for:

- Current Manufacturer's Literature
- Current Construction Codes and Standards
- Current Architecture and Construction Books
- Portland Chapter CSI Historical Material contained in two 3x6x1 foot steel book shelves, one 3-drawer standard size filing cabinet and one 4-drawer legal size filing cabinet
- Consists of complete sets of "The Predicator," "The Construction Specifier" & "Journal of American Institute of Architects." Older copies of CSI Manuals of Practice, Building Codes, Specifications, National CSI Historical Material, Regional CSI Historical Material, and Portland Chapter Historical Material

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7th Step Foundation of Oregon is a non-profit organization which needs space. Specifically a single meeting room for about 20 people, 2 or 3 small rooms for about 5 people each. They would not need or use the wall space and it would be available for "The Construction Resource and Library Center" (CRLC).

7th Step Foundation of Oregon would staff their space during a 40 hour work week. Furlton Burns, their Executive Director felt an agreement could be arranged for them to allow entrance to the library by members of the construction community who wished to use the CRLC. This would mean that Portland Chapter CSI would not need to expend the money required to staff the CRLC. Portland Chapter CSI would sublet the wall space from 7th Step Foundation of Oregon for its CRLC.

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kuykendall@ccwebster.net or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

PORTLAND CHAPTER Advertising Opportunities

BUSINESS CARD ADS: Only \$75 per issue or even better \$500 for the year (11 issues).
INSERTS: Member Price - \$ 250 (Non-Members \$300 or join and \$50 will be deducted from your membership fee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) All advertisements must be approved by the Editor.

THE PREDICATOR STAFF

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Kuykendall Marketing Services
Photography: Randy Tessman
Printer: Echo Printing



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

Library Perky Kilbourn, CSI.....	503-222-5279
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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 and Services Fair — Co-Chairs Cornelia Gibson, CSI, CDT (Attendees).....	503-624-7444
Cherie McNabb, CSI, CDT (Vendors).....	360-600-8444
Programs — Co-Chairs Jody Moore, CSI, CDT.....	503-284-6799
Doug Allen, CSI.....	360-260-1737
Publicity Dianne Kuykendall, CSI.....	503-631-3782
Specifiers Share Group & Technical Michael Madias, CSI, CCS.....	503-224-6767
David Shelman, CSI, CCS.....	503-227-1254
Student Affairs — Co-Chairs Randy Tessman, CSI.....	503-318-8046
Igo Jurgens, CSI, AIA.....	503-223-0992
Student Affiliate Sarah Lynn Garrett, CSI.....	503-252-7806
Webmaster Rick Heiserman, CSI, CDT, AIA.....	503-892-1321

Portland Website
www.portlandcsi.org

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Region Website
www.csinwr.org

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Newsletter Publisher Sheila Kenworthy.....	253-565-1797
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
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Technical Jim Adkins, CSI, CCS.....	206-634-0570
Webmaster Rand New, CSI, CDT.....	541-688-5594

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday) Colin Maynard, CSI.....	907-274-2236
Puget Sound, Seattle, WA (Second Thursday) Relta Gray, CSI.....	206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday) Perry White, CSI, CDT.....	1-800-344-8042
Spokane, WA (Second Thursday) Tom Helton, CSI.....	208-665-0572
Portland, OR (Second Tuesday) Jim Wilson, CSI, CCS.....	503-222-1917
Capital, Salem, OR (Third Thursday) James Ash, CSI.....	503-375-3286
Willamette Valley, Eugene, OR (Last Thursday) Eric Gunderson, CSI, CCS.....	541-342-7291
Idaho, Boise, ID (First Tuesday) Bob Kell, CSI.....	208-938-1401

THE PREDICATOR

315 SW 4th Avenue
Portland, OR 97204-2342

November 2001

Address Service Requested

2 NOV
PM
2001



ROBERT R. KLAS CSI
STOA INT'L - EKA
6775 SW 111TH AVENUE SUITE 20
BEAVERTON, OR 97008

Changes in the Work — *Establishing a Fair Value and Getting Paid*

Name: _____

Company: _____

Telephone: _____ Fax: _____

Guest(s): _____

Payment Method: Check Visa MasterCard

Amount: _____
(\$30.00 per person — Special Table for 10 only \$275)

Student: _____ (No Charge)

Cardholder Name: _____

Cardholder Address: _____
(complete billing address, including zip code required)

Card Number: _____ Expires: _____

Authorized Signature: _____

Date: November 13, 2001

Time: 5:30pm Meet colleagues in the Ballroom
6:30pm Dinner catered by Jake's
7:20pm Panel presentation

Location: Princeton Building - Ballroom,
614 S.W. Eleventh

Special event price: table of 10 for \$275!

**Fax your reservation no later than
Nov. 9, 2001 by 5:00pm to (503) 297-3183.**

Checks should be mailed to: CSI, 9578 SW
Morrison St., Portland, OR 97225.
If you have a question, call the CSI Portland
Chapter office at 503-297-2162.

DEC 03 2001

STOA Int'l ★ EKA

the PREDICATOR

improving the process of creating and sustaining the built environment

A Home for Aging Honoring Developers of Senior Housing Projects

Tuesday, December 11, 2001

By Jody Moore, CDT

Nothing is more central to peoples' sense of personal comfort than the quality of their housing. As the 'over-60' crowd continues to mature and become a larger segment of the population, our communities are faced with a growing need to provide places where aging adults can live.

Architects and contractors have been working steadily with developers over the last decade to meet this need. Even as other segments of the construction economy soften, these owners are building new facilities with increased sophistication and specialization. A population who used to go straight from their own home to a nursing home is now demanding a variety of options.

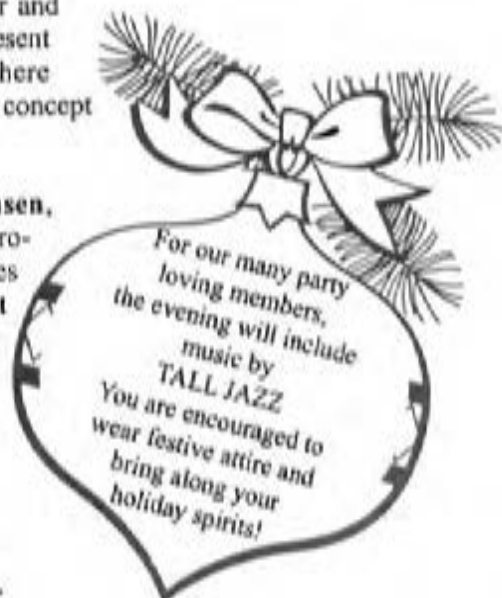
Ted Chillless, Principal, **Chillless Nielsen+Associates, Architects**, is both an Architect and an Owner. His long experience in designing led him to develop facilities with partner, Don Nielsen. Working with a vantage of the industry's history, they are innovating Alzheimers facilities to meet a growing demand.

Touchmark, operates eight Continuous Care Retirement Communities where "Aging in Place" offers a vision of living with gradually increased care as needed. Vice-President **Bruce Dalrymple**, with architects **Ankrom Moisan** and contractor **JE Dunn**, is building a major new addition, including a senior Health and Fitness Club, for **Waterford at Fairway Village** in Vancouver.

Bill Reed, of **Outfield Estates**, is an owner and developer with a unique philosophy. He will present his 'new alternative to assisted living' where caregivers live in the housing to support the concept of extended family.

Join us December 11 when **Sabrina Johnsen**, Director of Public Relations for **Elite Care**, provides an overview of this market and introduces leading Portland developers who will present their projects and the trends that are driving their decisions to build.

TALL JAZZ starts at 5:30PM
Princeton Building — 614 S.W. 11th Ave
Cost: \$30.00 per person
Sponsor a Table for 8 for just \$ 225.00
Please see back cover for reservation form.



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VOLUME 41, NO. 5

Portland Chapter CSI
Monthly Newsletter



president's message

By Jim Wilson, CSI, CCS, AIA



Looking Backwards at the Future Construction Industry

The year 2001 began early and ended early. The calendar year marches on, with Christmas following Thanksgiving and January following December; the new and full moons come and go. The events of the recent past, though, have taken on a different tinge -

that in defiance of our normal expectations of time and precise julian dating, that 2001 was a condensed within ten months slightly set askew from the wall calendar. Bookended by a contested Presidential election and a terrorist attack, this column reflects briefly on what the year 2001 was.

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The distressing Presidential election of November 2000 marks the beginning of the year 2001. With the democratic process shortcircuited by a Supreme Court appointment, the election underscored the tension, apprehension, and divergent views Americans had of the nation. The vote in Florida was so close it exceeded the margin of error on the machines used for registering votes in Florida by a factor of 10 ! The recent release of "complete" results (after most of "all of the votes" were counted) makes the result just as ambiguous: the numbers favored neither candidate.

Before the hanging chads could settle, the electrical storm in California burst. The energy crisis in California jostled our unsteady start, and recalled for many the difficult challenges of the Oil Embargo in the 1970's. Now, however blackouts are not the only thing rolling. Since the crisis peaked, natural gas prices are up 80% from last winter's levels; several energy companies have been fined for price gouging, and energy darling Enron has seen its stock lose half or more of its value - with several top executives departing. And of course, the pace of electricity deregulation has ground to a halt.

The e-bubble burst and the economy trickled into a recession. Some have called this contraction an economic correction; others contend that it is the start of significant and prolonged economic woes. For those among the thousands who have lost jobs, the current economy is simple: hard. The Internet economy changes many

things and its impact on business including the construction industry has been extensive and will remain after the dot-com demise although the superlatives and optimism have passed. After such a lengthy period of expansion, the current recession feels particularly chilling and harsh.

The year closed early, abruptly, and horrifically on September 11. The events of the preceding months swirled away in clouds of debris leaving our outlook irrevocably altered. As we collectively refocus looking ahead, gathering the resources and strength to move on we have many events to ponder. The effects of the terrorists' strikes continue; with consequences poorly defined but certainly far reaching through all facets of life and all industries.

So just what will our future look like as we embark on another new year? I make no claims for accuracy (I am an architect after all) nor that I have any divine prognostication abilities. Thus, compiled here for your pleasure is a quiz on the construction industry in the year 2002.

Future Quiz

1. What strategy will Owners utilize in planning new development and facility maintenance?
 - a) God knows, but I don't
 - b) Design - build
 - c) Out with the old, in with the new
 - d) Outsourcing
2. A discrepancy between the scope of a subcontractor's work and what the Contract requires is resolved by?
 - a) Project Manager
 - b) Roll-of-the-dice
 - c) Change Order
 - d) Collaborative partnering
3. Windows for your project are being shipped 400 miles at 35 mph; glass is traveling 600 miles at 55 mph. Which arrives first?
 - a) The one you yelled at the loudest
 - b) Arrive at the same time due to web-based traffic management
 - c) The substitution
 - d) The one you need later
4. In the future construction industry what does not occur?
 - a) Conflicts
 - b) Risk
 - c) Errors and omissions
 - d) Profit
 - e) All of the above

continued on page 12

BS by KS - basic specs

By Ken Searl, FCSI, CCS

This month's column will deviate from my usual content found in previous columns. I received information from my daughter in California regarding worms that infect your computer, and how to combat these rascals.

As you may know, when/if a worm virus gets into your computer, it heads straight to your e-mail address book. It sends itself to everyone listed, thus infecting all of your friends and associates. This trick will not keep the virus from getting into your computer, but it will stop it from using your address book to spread further. And, it will alert you to the fact that the worm has gotten into your system.

Here is what to do: First, open your address book and click on "new contact" just as you would do if you were adding someone to your list of e-mail addresses. In the window, where you would type a first name, type in !000 (that is an exclamation mark followed by 3 zeros). In the window below, where it prompts you to enter the new e-mail address, type in Worm Alert. Then, complete everything by clicking add, enter, OK, etc.

Now, here is what you've done, and why it works. The "name" !000 will be placed at the top of your address book as entry #1. This will be where the worm will start in an effort to send itself to all listed in your address book. But, when it tries to send itself to !000, it will be undeliverable because of the phony e-mail address you entered (Worm Alert). If the first attempt fails (which it will because of the phony address), the worm goes no further and your list in the address book will not be affected.

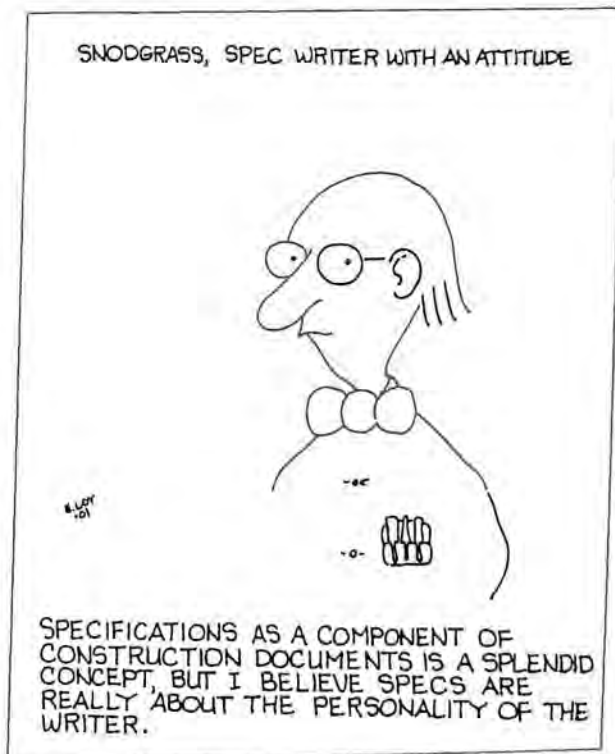
Here is the second great advantage of this method. If an e-mail can't be delivered, you will be notified in your In Box almost immediately. Hence, if you receive a message telling you than an e-mail addressed to Worm Alert could not be delivered, you know right away that you have the worm virus in your system. You can then take steps to get rid of it! Pretty slick!

There are a few other items to consider (did you not expect me to add or comment?). Assuming all of the above works and I presume it will, keep in mind a couple of rascals I feel should be mentioned. First, if you have more than one e-mail address, be sure and do all of the above to any additional addresses listed on your computer. Second, another items to look out for when receiving e-mails is if you do not know the sender do not open any attachments. Even if you know the sender, be very cautious. I know of one instance where an e-mail was sent by someone known to me. It read something like the following: "Hi Ken, How are you? I need your opinion on what to do about the items shown in the attachment." IF YOU RECEIVE A MESSAGE OF THIS TYPE, DO NOT OPEN IT. Call the sender, and see if it was actually sent by the sender or whether a rascal worm sent it. As you know, worms can be pretty slippery!

the real world

By Ed Loy, CSI, CDT

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the CALENDAR

Portland Chapter CSI Events

Join us the second Tuesday of the month — except as noted — in the Ballroom at The Princeton Building, 614 SW 11th Avenue

- Dec. 11 **Recognizing Excellent Owners— Their Projects and Their Teams**
Join us for our second annual December Owner-recognition. This year we will focus on a growing part of our industry: Senior Housing. See front cover for more information and back for easy registration. (1.5 LU's)

Special music by TALL JAZZ starts at 5:30pm. You are welcome to dress in your festive attire, and holiday good spirit is mandatory!

2002

Jan. 8

Regional Impact of Global Trends Security-Driven Architecture

In the first of our series of programs on current trends, we will be looking at the practice of architecture in a world concerned with security. While the tragic events of September 11 have raised our security-consciousness in the US, other countries and certain types of facilities have taken a secure approach to design and construction for decades. Join us for this look at the opportunities and challenges of this focus for each of us in the construction industry. (1.5 LU's)

Feb. 12 CSI Celebrates Engineering Month Regional Impact of Global Trends

This evening we will be looking at engineering around the world, the international firms that are leading the way, and the effect working globally is having on the way we approach projects in the Northwest. (1.5 LU's)

Mar. 12 Regional Impact of Global Trends - Part 3

- Apr. 9 **The Marketing Event with SMPS**
Experts from the Society for Marketing Professional Services will again lead us in an interactive exercise to open our marketing minds. (1.5 LU's)

- May 7 **Portland's Products & Services Fair**
The premier showcase of products and professional services in the Northwest will occur in the Oregon Convention Center. Put this date on your calendar now, and be prepared to enjoy meeting your colleagues at the Fair and our *very special guest*.

Region & National CSI Events

- May 23-26 **Conference 2002 Banff, Alberta Canada**
Joint CSI NW Region and CSC National Conference. Plan now to attend!

- June 27-30 **The CSI Show 2002 46th Annual Convention & Exhibit Las Vegas, Nevada**
Las Vegas Convention Center

Other Events

- Feb. 3 - 5 **Emergent Building Technologies Conference**
Paris Las Vegas, Las Vegas, NV
See page 5

For further information about these events, please call the CSI office: 503-297-2162.

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 503-318-8046
(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767
(meets every other Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predictor*, Dianne Kuykendall (503) 631-3782.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

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the **ANNOUNCEMENTS**



Emergent Building Technologies Conference™

INTEGRATING PEOPLE, TECHNOLOGY & DESIGN

2nd Annual Emergent Building Technologies Conference

February 3 - 5, 2002

Paris Las Vegas, Las Vegas, NV

The Emergent Building Technologies Conference is a leading resource for providing information and technical expertise for those involved in the design, building, maintenance, and renovation of the non-residential and commercial construction industries.

This unique and collaborative conference provides attendees with the opportunity to discover solutions for the future within the built environment. Education sessions, workshops, and exhibits address hot topics within the industry including: security, environmental issues, energy management, communications technology and much more.

Who Should Attend?

EBTC programming is designed to meet the learning needs of senior level Architects, Facility Managers, Owners and Engineers working on projects within the built environment.

Registration Information

Phone: 703-684-1446 x233

Fax: 703-549-2272

Online registration: www.emergentbuildingtech.com

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Conference 2002

Banff, Alberta, Canada



*Technology Transfer
Beyond Borders*

May 22 - 26, 2002

The Banff Centre

National Conference
Construction Specifications Canada
Calgary Chapter

Region Conference
Construction Specifications Institute
Northwest Region

Portland Chapter CSI's October meeting started for me on Monday, October 22nd when Lee handed me the magazine *Architecture Boston - 2000: The Year in Review* which contained an article entitled *Social Works - Robert Campbell, FAIA talks with M. David Lee FAIA, Recipient, 2000 BSA (Boston Society of Architects) Award of Honor*.

What one learns from reading the interview and listening to David Lee speak is that David Lee does have a social agenda and a commitment to life in the city as well as the country. He grew up in Chicago South Side so knows what cities can be but he also spent summers on his uncle's farm in Michigan thus he also likes and enjoys the country.

David Lee started his talk with a brief history lesson. In the 50's the United States was stable - also known as separate but equal. Unfortunately in some cases things were unequal.

In the 60's came the decline of the cities and rise of the suburbs - many people were leaving the city and going to the suburbs with the resulting commute to work.

In the 70's and early 80's Urban Renewal finished the job of destroying cities - people who had stayed in the cities lost their neighborhoods to the efficiency experts with high rise public housing or vacant lots waiting to be developed.

In the late 80's and 90's things started to change. People who grew up in the suburbs were moving back into the cities which were being revitalized. Poor performing schools in the inner city were a problem, but people without children liked living in the city and people with children could send their children to private schools. There was gentrification of cities but not economic diversity.

Boston's neighborhoods have remained stable, historical and walkable. Boston is planning

ahead. Two examples are: First the universities, which are now getting involved. The universities are combining affordable housing for non-students next to student dorms. Second the concept of building in the air space over freeways. The developers and neighborhood people met for 18 months before they began to understand some of the problems and opportunity of building over a freeway. They were also looking a property adjacent to the right-of-way of the freeways.

In any development, the developers needed to learn to balance high rise buildings with parks, lower buildings and individual houses. The most important thing in Boston was to see that building over the freeways is an opportunity to change the nature of Boston. In addition, David Lee and others wanted to change the procedure for how ideas come through the approval process. Boston now has a formal public request process for proposals.

Developers and neighborhoods have begun working together on what is being built on high end properties in the area considered "The East End of Boston." This is a problem which "stuck out" so people are getting involved - they went back to the drawing board. Or to use another expression.

"Life is what happens while planning."

No decision with regard to building over freeways has been made yet but people are interested in what is going to happen next. David Lee ended by giving us the now familiar statistic that the richest 20% of the world's population control 80% of the world's total revenue. His question "Is this a good thing?"

Maybe the world needs to reexamine its priorities = power, might and money versus distributing resources to many people throughout a neighborhood.

SECTION 01100 - SUMMARY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions apply to this Section.

1.2 SUMMARY OF WORK

- A. Do all the work required to make a complete project that looks like the one shown in the Drawings, only better.
- B. Do a nice job, so the Owner will be happy and the [Architect][Engineer] will win an award.
- C. Stay on Schedule.
- D. Don't make trouble.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01100

END OF PROJECT MANUAL



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Is there a spec writer out there that hasn't wished it was that simple? But to use an old phrase that is in danger of falling into disuse, it ain't. Construction is a complex activity. Each project engages many individuals, numerous companies and a multitude of contracts. The specification writer needs to have an appreciation of the construction team's need for good and sufficient information in order to construct the project. And good information is the result of mutual respect-not reflected in the above Section 01100-and healthy exchange between the participants.

Getting good information and learning how to communicate it clearly are the primary aims of the Specifiers Share Group. We get good information by inviting a wide variety of industry guests. Manufacturers, product representatives, engineers, design specialists and both general and trade contractors have been our guests during the last year. The informality of a lunch setting, away from our computers and removed from the more pressing atmosphere of a construction site, have fostered good dialog and some pretty good stories, too!

We are now lining up the schedule for 2002. The preliminary range of topics is at least as broad and diverse as this past year, so stay tuned! I had planned to report on the work of the Share Group in relation to concrete slab moisture in this issue but that will now wait until January as the recommendations are in the process of some additional revisions.

It is my hope to occasionally use this feature to print views on a current topic that might be submitted by a member of the Share Group. These could be your own insights or a brief article that you think speaks well to the topic. I would appreciate an e-mail note if you ever have any ideas along this line.

The next SSG meeting is December 13. The topic is Commissioning. Dennis Anderson of System Commissioning Consultants, will help us sort out this increasingly common yet often confusing part of the building business. Announcements are sent out to Share Group attenders 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 Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

I have a great New Years resolution to propose. It has nothing to do with losing those unnecessary inches from your belt lines. It is completely achievable and, unlike a diet, you can realize your results by May. I am referring to receiving your CDT (Construction Documents Technologist) with just a few hours of studying a week in February and March and taking the exam in April, you could join many others in achieving a personal reward from the Construction Specifications Institute.

The Construction Specifications Institute is a national organization, created purposefully out of the chaos of the construction projects of the 1940's to improve the quality of construction communications. The Institute streamlines the process so that efforts are made efficiently, costs for construction are better defined and contractual understandings are more uniformly applied. A basic understanding of how the entire construction process should occur can be obtained through the education programs of CSI. And CSI's certification programs can identify those individuals possessing the necessary "real world" experiences and education attesting to the standards sought for qualified individuals involved in the construction process.

The need for experienced educated people who take part in the administration of construction contracts is growing. You can contribute to increasing the quality of those people administering construction contracts by seeking out these available programs. Contact Ray Totten (503-635-4425) or Scott Dicker (503-639-7045) for more information.

Important dates and costs:

Early Bird Registration: 12/1/01

CDT: \$150 Member; \$250 Non-member;
\$85 Student

CCS, CCCA and CCPR: \$200 Member;
\$250 Non-member

Final Registration: 1/31/02

CDT: \$200 Member; \$300 Non-member;
\$85 Student

CCS, CCCA and CCPR: \$300 Member;
\$350 Non-member

The above costs are for the exam only, and to take the exam, you must register directly with the Institute. Obtain a registration form from Ray Totten or register on line at www.csinet.org. Successful candidates will receive a free CSI dinner to an upcoming Portland Chapter Meeting.

CDT Certification classes will begin on January 30 at Portland State University. The classes will be held on Wednesdays from 6:30 pm to 8:30 pm at Smith Hall in room 292. Everyone wishing to gain a greater knowledge of construction documents is invited to attend these classes. The cost for the classes will be \$125, although students from PCC and CCC's Construction Technology Programs and PSU's Architectural Department may attend at no charge. All attendees should obtain a CSI Manual of Practice, either by borrowing from a colleague or purchasing one at the AIA office at a cost of \$225. Please contact Ray Totten at (503-635-4425) or Inge Carstanjen at (503-297-2162) for more information. The CDT certification class registration is separate from the exam registration.

Chapter study class schedule is as follows:

January 30	Unit 1 - Construction Process Overview (Jody Moore and Rick Heiserman)
February 6	Unit 2 - Construction Contract Types (John Lape)
February 13	Unit 3 - Modifications and Substitutions (Ray Totten)
February 20	Unit 4 - Rights, Duties, Responsibilities (Jody Moore and Rick Heiserman)
	Unit 5 - Contract Provisions
	<u>Note: This session may run 3 hours.</u>
February 27	Unit 6 - Use of Construction Documents (Dennet Latham)
March 6	Unit 7 - Organizational Formats (Bob Easton)
March 13	Unit 8 - Interpreting Construction Documents (Bob Hesselstine)
March 20	Not scheduled...independent study! (Make-up class night if necessary)
March 27	Spring Break (Not scheduled...independent study!)
April 3	Review night (All teachers)
April 6	Exam date

CDT CERTIFICATION CLASS REGISTRATION FORM

Name _____ Company _____

Address _____

City/State/Zip _____ E-mail _____

Telephone _____ Fax _____

Payment Method? Check Visa MasterCard

Amount _____

Cardholder Name _____

Card Number _____ Expires _____

Authorized Signature _____

Fax registration form to 503-297-3183

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the **NEWS FROM THE INSTITUTE**

Industry News

School Construction Forecast Remains Strong

Amidst a lagging economy, there is some good news on the construction front: school construction is expected to increase at about an 8.0 percent annual growth rate over the next five or so years. This is compared to all other nonresidential construction, which is expected to grow at an annual rate of just 1.1 percent, according to FMI Inc.'s recent forecasts.

With the increase in school construction, this segment of the nonresidential construction industry is expected to grow from 23 percent in 2000 to 35 percent in 2006.

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This growth results from the increased enrollment numbers in elementary schools, which will ultimately affect secondary and higher educational facilities several years down the road. Increasing enrollment, along with an overall national commitment to education, substantiate these estimates.

— Information from CM News, November 2001.

International News

Swiss Tunnel Survives Recent Truck Fire

A truck fire in late October damaged about a 650-ft-section of the 10-mile-long St. Gotthard alpine tunnel in Switzerland—the world's second longest highway tunnel. The tunnel has only reportedly sustained superficial damage, and the primary concrete lining appears to have gone unscathed.

The fire, which killed at least eleven people, was caused when two trucks collided near the tunnel's south portal; it then smoldered for more

then 24 hours. An additional 23 vehicles were involved in the accident. Twenty people reportedly made it out of the wreckage alive. A parallel escape route is accessible at 820-ft-intervals by ventilated galleries.

The damaged 4.7-in.-thick, cast-in-place ceiling was propped two days after the fire to secure the site for rescue work and investigations. Andreas Henke, head of tunneling at Lombardi Engineering Ltd., Lorcano (the Swiss government's technical adviser), said, "A stretch of about 230 m (755 ft) is heavily damaged and about two-thirds of it has already collapsed." The concrete lining, which is 11.8 in. thick, appears to be sound, though further testing is necessary.

Stainless steel rods to support the new precast concrete ceiling are being procured by engineers. The tunnel is expected to reopen by Christmas.

— Information from www.enr.com, November 6, 2001

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the **NEWS FROM THE INSTITUTE**

National News

\$700 Million Grant to Aid New York's Rebuilding Efforts

The Office of Management and Budget announced on Nov. 1 that New York City will receive a \$700-million Community Development Block Grant to help rebuild the city after the terrorist attacks on Sept. 11. The grant is part of an estimated \$2.8 billion package and would be the largest in the CDBG program's history, if Congress passes legislation allowing for \$2 billion in tax-exempt bond authority.

Though there is a CDBG ban on grants to high-income areas, the Bush Administration and the New York State's congressional delegation are working to get a one-time waiver for this particular case. The \$700-million grant is part of the \$40-billion emergency-spending bill signed by President Bush.

The administration also plans to propose legislation that would allow New York to use unspent aid for needy families without having to meet all of the program's requirements.

— Information from www.enr.com, November 6, 2001

Institute News

Online Directory Offers Members the Latest Information

If you're looking for the latest information about your fellow CSI members, check out the online directory. Unlike the printed version, which is out-of-date as soon as it's published, the online directory is continually updated. So when members move or change companies, you don't have to wait until next year to find their accurate information.

Likewise, when new members join the organization, their profiles will instantly be accessible.

Unlike the printed version, you can locate members using various search options. If there's a specific person who you are trying to locate, you simply perform a member search. If you're trying to find a contractor in New Mexico, for example, simply input those parameters and a list will be displayed. If you'd like to find a committee, task team member, or chapter officer, that, too, is available to you. Members may choose to suppress their contact information, which means only their names would be displayed, by selecting a privacy option.

In addition, *you* are able to change your CSI member profile and renew your membership online, as well as register for CSI events and order publications.

All you have to do is log on to the Member Service area on CSINet (www.csinet.org). From there, select "Member Services" at the top of your screen. After that, the site will walk you through step-by-step on how to sign in. If you've never signed in before, enter your first name, the @ symbol, your last name (for example, william@smith), and your member number. If you have any trouble logging in, contact Member/Customer Service at membcustsrv@csinet.org or (800) 689-2900 for further assistance.

11



**Advancement
of Construction
Technology**

conquer change in five steps

From The CSI Leader — October Issue 2001

In light of recent events, everyone is experiencing change to some degree — whether we consider new safety precautions we all must undergo or learning a new software program at work, change can be a touchy subject. The reality is, most people are fairly stuck in their ways. Because of this, resistance to change is common — in both personal and professional lives. Certainly there are some people who view change as an opportunity. But for most of us, we'll do whatever we can to avoid it. In Chapter Four of the 60-Minute Training Series book, "Thriving on Change: Turning Challenge into Success," author Peg Pickering has broken up our typical response to change into five categories or steps:

- Resistance,
- Uncertainty,
- Assimilation,
- Transference, and
- Integration.

Resistance takes the form of one of the following: denial, passive resistance, or active resistance. Denial is when people pretend the change isn't happening. Passive resistance is when people do what they can to slow or stall change, sometimes even sabotaging others' efforts. Active resistance, as the term implies, is when there is open disagreement. All these forms of resistance result from fear.

Uncertainty is the next step. Pickering says it's the most uncomfortable stage because people experience more stress, which results from the unknown.

Assimilation is when people start to try the change.

Once people recognize that this change is going to take place — with or without them — they slowly become acclimated, and little by little, confidence begins to replace their fear.

Transference occurs next. Though some may still long for the "good old days," they recognize there's no turning back. As people transfer the change, the benefits become more apparent and they're able to appreciate the change's positive impacts.

Integration is when the same people who were initially uneasy about the change wonder how they ever survived before it took place. The change has been accepted, and people are once again comfortable.

So, if the process of change is so uncomfortable, why do we all accept it? Aside from the fact that we don't usually have a choice, Pickering offers four other reasons why we eventually compromise: challenge, personal satisfaction, rewards, and fear.

Whatever the reason, change is part of our everyday lives. And try as we may, there's no escape. Perhaps the best way to handle the next transition in our lives is to recognize these steps and realize we're not alone as we begin striving toward the goals of assimilation and integration.

Editor's Note: This book — "Thriving on Change: Turning Challenge into Success" by Peg Pickering, National Press Publications, 2000 — is available on loan to all CSI leaders. To borrow, call Lynn Vanderhoff at 800-689-2900, ext. 4726.

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continued from page 2 President's Message

5. The one project I've always wanted to have but have not gotten is one that...
 - a) would always leads to another
 - b) even the neighborhood and the newspaper are happy about
 - c) be the last one before retirement
6. If I weren't having so much fun making buildings I would be...
 - a) a used car salesman
 - b) a clairvoyant
 - c) in politics
 - d) a bartender

7. You know you are successful when...
 - a) you overhear people talking about you in a restaurant
 - b) you did not need an addendum to finish the Contract
 - c) you did not need a Change Order to finish the job
 - d) someone says, "thank you"
8. In 2002 the construction industry will...
 - a) rebound leading the national economy out of it present malaise
 - b) tank dragging the national economy with it
 - c) expand but less robustly than in the preceding 5 years which will make it seem like a contraction.
 - d) mirror the national economy

Don't bother looking down here for answers - I certainly don't have them, only questions - perhaps that is why I keep participating in CSI.

the MINUTES

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
October 2, 2001

CALL TO ORDER: The meeting was called to order by President Jim Wilson at 12:03 P.M. at the Portland Chapter AIA Conference Room.

PRESENT: Doug Allen, Curt Austin, Joe Bolkovatz, Denise Carpenter, Inge Carstanjen, Margaret Kehrl, Jody Moore, Robert Schroeder, Bruce Townsend, and Jim Wilson

ABSENT: Cherie McNabb

ALSO PRESENT: Lee Kilbourn, John Lape

1. TASK TEAM REPORT:

- Long Range Planning - The task team will meet October 11 to finalize attendees, agenda, and goals. A Long Range Planning meeting is scheduled for November 17th. A facilitator and a group that includes the Long Range Task Team will set goals for the Portland Chapter of CSI for the next 3 to 5 years. All BOD members are invited to attend.
- Region Leadership Conference Strategic Planning Workshop scheduled for September 14-16 was canceled will be rescheduled for a one-day event on November 3.

2. COMMITTEE REPORTS:

- Library Committee: Inge Carstanjen has inventoried what CSI material she currently holds. A goal is to identify archival CSI materials that are stored by other members.
- Education Committee: On November 28, 2001 a half-day seminar will be offered on moisture problems in finished floor substrates. A committee meeting is scheduled for November 12, 2001
- Publicity: At the October Dinner Meeting an invitation will be extended to volunteers to join the publicity committee.

3. ARCHITECTURE WEEK:

CSI will sponsor M. David Lee, recipient of the 2000 Boston Society of Architecture Award of Honor at the October 23rd Dinner Meeting at the Princeton Building.

4. COORDINATION WITH OTHER SOCIETIES:

President Jim Wilson asked and BOD members identified the following professional organizations that they would be CSI's liaison:

- Door Hardware Institute (DHI) - Doug Allen
- Associated General Contractors (AGC) - Curt Austin
- American Society of Professional Estimators (ASPE) —Joe Bolkovatz
- International Interior Designers Associations (IIDA) - Denise Carpenter
- Consulting Engineers Council of Oregon (CECO) - Margaret Kehrl
- Society for Marketing Professional Services (SMPS) - Jody Moore
- American Society of Heating, Refrigerations and Air-conditioning Engineers (ASHRAE) - Bob Schroeder
- International Facilities Management Associations (IFMA) - Jim Wilson

5. SEPTEMBER 11th:

Jim Wilson will investigate CSI national's response to the events of September 11th and bring a recommendation to the Portland BOD.

6. FINANCIAL REPORT:

- John Lape submitted the financial report to the BOD.
- The financial report included a breakdown of the impacts of the Products and Services Fair and Golf tournament.

7. OTHER BUSINESS:

The president related to the BOD contents of his conversation with Chuck Schrader.

8. SEPTEMBER BOD MINUTES:

September 4, 2001 Board Meeting Minutes were read. There was a motion, a second, and the minutes were approved (MSP) as amended.

ADJOURNMENT: 1:03 P.M.

Respectfully Submitted,
Margaret Kehrl, Secretary

online learning programs

Construction Site Safety

\$80 CSI Members / \$90 Non Members

Engineers risk safety and liability every time they go onto a worksite. This course explores the landmark court cases that have shaped engineers' responsibilities for construction site safety and discusses OSHA's safety standards from an engineering firm's point of view. Also included are methods of implementing a safety and health program for engineers on worksites and a sample training session on OSHA's excavation standards.

For more information on this course, go to <http://secureprocessingcenter.com/csi/Basket.asp?action=viewdetail&item=EM16>.

For a complete course listing of CSI's OnLine Learning Opportunities including more than 50 Engineering courses and more than 100 Members Only courses, visit www.csinet.org/educate/online.htm.

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sell your boss on CSI!

Many employers already know the benefits of CSI. But if yours is not one of the 70% of CSI memberships which is paid for by your employer, download this brochure to show your boss how your participation in CSI can benefit the company — and the industry!

Whether you want your employer to start paying for your dues, renew your dues, encourage others from your organization to join, or have colleagues who want their employer to pay their dues, this brochure is just what you need to sell the idea.

You can download the brochure at www.csinet.org/member/



the **FINE PRINT**

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kuykendall@ccwebster.net or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

PORTLAND CHAPTER Advertising Opportunities

BUSINESS CARD ADS: Only \$75 per issue or even better \$500 for the year (11 issues).
INSERTS: Member Price - \$ 250 (Non-Members \$300 or join and \$50 will be deducted from your membership fee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) All advertisements must be approved by the Editor.

THE PREDICATOR STAFF

Editor: Dianne Kuykendall,
Kuykendall Marketing Services
Photography: Randy Tessman
Printer: Echo Printing



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Technical	Jim Adkins, CSI, CCS.....206-634-0570
Webmaster	Rand New, CSI, CDT.....541-688-5594

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)	Colin Maynard, CSI.....907-274-2236
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
Idaho, Boise, ID (First Tuesday)	Bob Kell, CSI.....208-938-1401

THE PREDICATOR

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Time: TALL JAZZ starts at 5:30pm

Location: Princeton Building - Ballroom,
614 S.W. Eleventh

Special event price: table of 8 for just \$225!

**Fax your reservation no later than
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Checks should be mailed to: CSI, 9578 SW
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If you have a question, call the CSI Portland
Chapter office at 503-297-2162.

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January 2002

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PREDICATOR

improving the process of creating and sustaining the built environment

Security and Architecture

Tuesday, January 8, 2002

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VOLUME 41, NO. 8

Portland Chapter CSI
Monthly Newsletter



"Safe and sound". This simple phrase has taken on new meaning for Americans in light of the recent events that have altered our world view and heightened our sense of vulnerability. We can no longer assume that our lives are immune from danger. The building design and the construction community will increasingly be required to incorporate strategies and design concepts developed by industry and government to protect strategic facilities in vulnerable locations around the world.

On January 8, 2002 CSI will present the first of two programs focused on security design issues for our built environment.

Nels Hall, AIA, a Yost Grube Hall Architecture (YGH) firm principal will discuss the challenges faced by architects attempting to reconcile aesthetic, livability and security goals in project design. YGH has designed facilities in the U.S. and overseas that have had to address varied security threats and provide high quality environments which offer a sense of livability and community.

He will present three case study projects — a residential compound and corporate headquarters in Atyrau, Kazakhstan; a U.S. embassy design for Abu Dabi, Dubai; and a bank data



Tengizchevroil Office Building

processing facility in Gresham, Oregon — which illustrate a wide range of security concerns and design responses.

Join us January 8th to learn more about how the compelling emphasis on security in design and construction will affect you and your business.

Princeton Building Ballroom — 614 S.W. Eleventh

5:30pm Meet Your Colleagues
6:30pm Dinner catered by Jake's
7:30-9:00 Presentation

Cost: \$30.00 per person, *Sponsor a table for 8 for only \$210!*
Register now! Please see the back page.

president's message

By Jim Wilson, CSI, CCS, AIA



The end is to build well. Well-building hath three conditions: commodity, firmness and delight.

The Roman Engineer and earliest Architectural theorist, Marcus Vitruvius recognized three principles that distinguish Architecture from simple building: commodity, firmness, and delight. These words are inscribed on the Pritzker

Prize medal, commonly referred to as the Nobel Prize of Architecture. As members of CSI we must be the champions for at least two of these principles, firmness and commodity. Through the knowledgeable application of technology, the thoughtful use of materials, and the exercise of craft in assembly we impart the quality of firmness. Commodity will be found only where the proper materials have been properly employed: walls however grand will appear less so if the paint will not stick to them!

CSI, the people who introduced Uniformity to the organization of construction materials and information, is a proud organization peopled by those I will name Technologists, Materialists, and Hammer Hands. The Technologists are those who revere the Knowledge to build; their know-how brings together the constituent people and materials that will become a building. The Materialists venerate the commodities we use to build. Recognizing the values inherent in them, Materialists possess a keen sense of material values. The Hammer Hands breathe the life into these means, methods and materials: by building.

What are we, Technologists, Materialists, and Hammer Hands (and also the folks who also inhabit these buildings), contributing to the current debate over design excellence in our built environment? Many are calling for innovation in the design of our built environment from Portland Mayor Vera Katz to influential critics such as the New York Times' Herbert Muschamp and the Los Angeles Times' Nicolai Ouroussoff. CSI members ought to play a substantial role in this discussion. Past revolutions in architectural style have not always achieved a happy result. Journalist Mark Lawson advised the Royal Institute of British Archi-

ects that, "It is worth remembering that the first wave of almost all great art has been ahead of mainstream public taste and often despised by it!" Nicolai Ouroussoff celebrated a recent proposal for the Los Angeles County Museum of Art for being, "...merely a sketch, a conceptual diagram. The architect's audacious treatment of the past is what allows him to avoid the mind numbing collage of vanity buildings typical of many museums." (the subject proposal would raze each of the museum's five existing buildings). I fear essential characteristics of the Vitruvian triumvirate may be overlooked in Mr. Muschamp's, "architecture of ideas", and Mr. Ouroussoff's, "conceptual architecture". What will today's architecture students advised in school to be prepared to be despised design for our cities and homes tomorrow? The local ferment also roils with calls for innovative design and bold experimentation. Will any of this improve the livability of Portland and other cities? What consequences may the current debate have for the appearance of our built environment? In terms of the capacity of the built environment to fulfill our needs (from aesthetic satisfaction to livability) what is built is often proved to be of less significance than what it was built with.

The definitive architecture of the 20th century, the sky scraper, did not spring from the musings of critics nor the debates of intellectuals. The sky scraper emerged from advances in materials, and technology. Production of steel on a gigantic scale and effective distribution networks, engineering for foundations and building frames that could resist powerful lateral wind loads, lightweight fire proofing and the elevator were essential developments that contributed to the advent of skyscrapers. The technical prowess necessary to build taller and bigger also enabled this revolutionary building type to emerge - how to reliably hoist materials, plan for and stage such construction. None of this was driven by a debate on aesthetics or style. Not only did the technology precede the debate, it made it necessary! The "Architectural" debate over skyscrapers emerged after we began building them. Then critics, intellectuals, and the aesthetically inclined initiated a debate that continued throughout the 20th century, how should skyscrapers appear?

Because materials and technology are so fundamental in achieving great design we Technologists, Materialists, and Hammer Hands should raise clear and articu-

continued on page 3

My BS column and Sheldon Wolfe's GUI Bytes appear in many CSI Chapter Newsletters. On page 10 of the Orange County CSI Newsletter of December 2001, Sheldon's discussion of Electronic Distribution of Newsletters states in part the following: It was determined in one instance that with newsletters published only by e-mail, Chapter Meeting attendance dropped sharply. It was presumed that members did not know when the meetings were because they didn't read the e-mailed newsletters. In the second instance where an invitation was sent out by e-mail, nothing was heard in return. When the invitation was hurriedly sent out by fax, several responses were received. Sheldon states members may not read the newsletters, but we should not introduce any obstacle that would stand between them and the information in a newsletter. Sheldon also states he sees nothing wrong with sending newsletter by e-mail or making them available on websites as long as they are still delivered in hard copy. One can get lots of news by television but many of us also prefer a daily newspaper. One can peruse a newspaper whenever one wishes and get more information than is obtainable by television.

On page 12 of the OCCSI December 2001 Newsletter, there is an article by James W. Brittell CSI listing other organizations using the initials "CSI." Some of them are normal, and some are weird and funny. For instance: "Crowbar Swinging Idiots." I'd sure like to see that bunch in operation. "College of Southern Idaho." As I remember, this college is sort of hidden behind a mountain range. "Computer Society of India", "Computer Science Innovations", "Crime Scene Investigation." This last one is a good program on television. One not listed is an organization in the eastern part of the USA named "Community Sex Instruction." This one and the "Crowbar Swinging Idiots" are hard to believe, but I think I am too old for either one, especially the later.

On November 28th, the Associated Floor Covering Contractors - Oregon and Washington and CSI Portland Chapter presented a half-day seminar entitled

Moisture Problems in Finish Floor Substrates - An Industry-wide Perspective held in Portland at the Radison Hotel. Main speakers were Ray Thompson, Armstrong World Industries Head of Technical Training, Andy Marks of Morse Brothers, John Duty of Don Frank Co., plus two speakers from CSI Portland Chapter. Michael Madias, CSI, CCS presented the Portland Chapter Specifiers Share Group publication "Proposed Guideline for Minimizing Moisture Related Problems in Concrete Floors Receiving Finishes. It includes a suggested Project Log for Concrete Floors Receiving Finishes. Dave Shelman of Portland Chapter also presented his views. I quote you their Level 1 Basic Design as follows:

1. Require a minimum of 6" of clean crushed rock drainage course between soil and slab.
2. Require size of crushed rock be at least 3/4 inches and with minimal "fines" in order to create a complete capillary break between slab and potential ground moisture.
3. Require rock be compacted per Soils Engineer's recommendations.
4. Require a leveling course of sand or fine graded aggregate to create a smooth plane at top of drainage course to give vapor barrier/retarder good support and give slab a slip plane.
5. Require use of reinforcing steel rather than wire mesh for slab reinforcement.
6. Require concrete mix that achieves structural performance with minimal water and low alkalinity.
7. Require curing time and conditions for optimum drying of slab. Do not use curing compounds. Do not use unvented propane heaters.
8. Require moisture and alkalinity tests by an independent test lab prior to installation of finishes.
9. Require floor finish installer to review information and curing, including test results, and based on this information and a visual inspection, to either accept slab as suitable for application of finishes or, if not acceptable, inform General Contractor of their concerns.

If you would like copies of the items listed, contact either Michael Madias or Ken Searl.

3

continued from page 2 President's Message

late voices in the discussion of how our built environment should and should not look, and what ought and ought not be used to build it. Just as many people outside of the initial designer have powerful roles in constructing our environment, a great deal of design takes place only after the drawings have been stamped by the Architect via shop drawings and constructor de-

signed components. We have much to contribute to the design debate and it is as essential as our contribution to the designs we help build. I hope this Chapter and our members will be active in this discussion. Seek out opportunities to share your Technologist's insights. Write that Letter to the Editor advocating for Material Values! Raise those Hammering Hands to help forge a built environment of Firmness, and Commodity and it and will surely result in Delight for us all!

the CALENDAR

Portland Chapter CSI Events

Join us the second Tuesday of the month — except as noted — in the Ballroom at The Princeton Building, 614 SW 11th Avenue

2002

Jan. 8 Security and Architecture
In the first of a pair of programs on current trends, **Yost Grube Hall Architecture** will be showing the practice of architecture in a world concerned with security. While the tragic events of September 11 have raised our security-consciousness in the US, other countries and certain types of facilities have taken a secure approach to design and construction for decades. Join us for this look at the opportunities and challenges of this focus for each of us in the construction industry. (1.5 HSW)
See front page for more information, and back page for easy registration.

Feb. 12 CSI Celebrates Engineering Month
IDC joins us to present this second in a pair of programs on constructing safety into our projects. We will look inside security control systems, sensitive industrial design, and engineering for life-safety in municipal projects. (1.5 HSW)

Mar. 12 Brewery Blocks
Gerding Edlin, the company who is shaping a new downtown core with their dynamic developments, will present this exciting project. (1.5 HSW)

Apr. 9 The Marketing Event with SMPS
Experts from the Society for Marketing Professional Services will again lead us in an interactive exercise to open our marketing minds. (1.5 LU)

May 7 Portland's Products & Services Fair
The Oregon Convention Center is where you can attend the premier showcase of construction products, professional services and continuing education in the Northwest.

7:00 PM — Michael Graves, FAIA
The American Institute of Architects' 2001 Gold Medal recipient will be our guest speaker. Two decades after the Portland Building hit our skyline, Michael Graves will share his current work, his views on architecture and the future. **Mark your calendar now** for this unique opportunity to expand your knowledge and to hear a true icon of our profession. (1.5 HSW)

May 8 Portland CSI and AIA Present Architecture Symposium 2002
Don Stastny, FAIA, Principal of StastnyBrun Architects, is a leading voice for the value of architecture in the world and the local community. He will host an expert panel including **Michael Graves, FAIA**, and **Robert Campbell, FAIA**, architecture critic for the Boston Globe. (2 HSW)

June 11 Jobsite Tour: Brewery Blocks
Gerding Edlin & Hoffman Construction will be our host for this project. (1.5 HSW)

Region & National CSI Events

May 23-26 Conference 2002
Banff, Alberta Canada
Joint CSI NW Region and CSC National Conference. Plan now to attend!

June 27-30 The CSI Show 2002
46th Annual Convention & Exhibit
Las Vegas, NV - Convention Center

Other Events

Feb. 3-5 Emergent Building Technologies Conference - Paris, Las Vegas, NV
See page 5

For further information about these events, please call the CSI office: 503-297-2162.

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 503-318-8046
(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767
(meets every other Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predicator*, Dianne Kuykendall (503) 631-3782.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

the **ANNOUNCEMENTS**



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Changes in the Work: Establishing Fair Value and Getting Paid

At the November installment of CSI's monthly dinner meeting, the gloves came off as members enjoyed a spirited discussion about change orders. John Baker, a registered architect who's also a practicing attorney for Jordan Schrader, played host to a panel discussion entitled, "Changes in the Work: Establishing Fair Value and Getting Paid."

The panel was comprised of speakers representing four components in a typical project: Karl Schultz of the Oregon Convention Center spoke on behalf of owners. Ken Mouchka of SRG Partnership represented the architectural point of view. Larry Sitz of Emerick Construction spoke for contractors, and Phil Law of WA Botting represented subcontractors. Although there were some obvious hostilities borne out of pride and longtime issues unresolved, the discussion was professional and mostly cordial.

A 26-year veteran of the construction industry, Sitz stated that amid dire economic straits some contractors put through change orders needlessly in order to survive. That said, Sitz went on to condemn this sort of behavior, emphasizing the need for consultants and subcontractors "...to understand how important it is to act quickly. But sometimes you have to talk to people three times instead of once."

Subcontractor Phil Law was a strong advocate of establishing protocol and price levels for change orders before they happen, thereby eliminating the chance for mistrust that inevitably exists, particularly in the case of subcontractors. "I'm at the end of the food chain," he said. "When an owner says it's a change it is, but when you're a subcontractor and you say something needs to be changed, you're whining or complaining."

As an architect, Ken Mouchka sees disputes over change orders as a matter of communication

breakdown. "People are often reluctant to state their case," he said, expressing a belief that most problems could be resolved easily if all parties were willing to meet regularly in an open, honest dialogue.

Citing his experience with the Convention Center, Schulz described change orders as a necessary evil. "When you're an owner and somebody is taking your money, you have a responsibility to make sure it's spent wisely," he said.

One particular area of disagreement came in the area of financial responsibility for change orders. Sitz noted that, "Twenty-five years ago there was an understanding that an owner would accept change costs. Now an owner expects the team to swallow costs." As a result, he asserts, bids made for a job can often be misleading: those who bid lowest will sometimes recoup their money in change orders, while more honest bidders suffer for producing higher, more honest estimates. "I don't think consultants should pay for mistakes unless they are made twice," agreed Law.

Although there was no final resolution as to where blame and responsibility for change orders lies, it's clear that they remain a sort of hot potato, requiring a matter of trust and collaboration that aren't always easy in such a tough business. "It's not one person's problem, it's our problem," said Mouchka. "So it's a question of communication from the beginning."



**Advancement
of Construction
Technology**

Certification Classes start this month! The deadline for signing up for the exams is also this month!

You can receive your CDT (Construction Documents Technologist) with just a few hours of studying a week in February and March and passing the exam in April.

Final Registration for Exams: 1/31/02

CDT: \$200 Member; \$300 Non-member;
\$85 Student
CCS, CCCA and CCPR: \$300 Member;
\$350 Non-member

The above costs are for the exam only, and to take the exam, you must register directly with the Institute. Obtain a registration form from Ray Totten or register

on line at www.csinet.org. Successful candidates will receive a free CSI dinner at a Portland Chapter Meeting.

CDT Certification classes will begin on January 30 at PSU. The classes will be held on Wednesdays from 6:30 pm to 8:30 pm at Smith Hall in room 292. The cost for the classes will be \$125, although students from PCC and CCC's Construction Technology Programs and PSU's Architectural Department may attend at no charge. All attendees should obtain a CSI Manual of Practice, either by borrowing from a colleague or purchasing one at the AIA office at a cost of \$225. Please contact Ray Totten (503-635-4425), Scott Dicker (503-639-7045) or Inge Carstanjen at (503-297-2162) for more information. The CDT certification class registration is separate from the exam registration.

Chapter Certification Study Class schedule is as follows:

January 30	Unit 1 - Construction Process Overview (Jody Moore and Rick Heiserman)
February 6	Unit 3 - Modifications and Substitutions (Ray Totten)
February 13	Unit 2 - Construction Contract Types (John Lape)
February 20	Unit 4 - Rights, Duties, Responsibilities (Jody Moore and Rick Heiserman) Unit 5 - Contract Provisions <u>Note: This session may run 3 hours.</u>
February 27	Unit 6 - Use of Construction Documents (Dennet Latham)
March 6	Unit 7 - Organizational Formats (Bob Easton)
March 13	Unit 8 - Interpreting Construction Documents (Bob Hesselstine)
March 20	Not scheduled...independent study! (Make-up class night if necessary)
March 27	Spring Break (Not scheduled...independent study!)
April 3	Review night (All teachers)
April 6	Exam date

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CDT CERTIFICATION CLASS REGISTRATION FORM — Fax Form to 503-297-3183

Name _____ Company _____
Address _____
City/State/Zip _____ E-mail _____
Telephone _____ Fax _____
Payment Method? Check Visa MasterCard
Amount _____
Cardholder Name _____
Card Number _____ Expires _____
Authorized Signature _____

MOISTURE-RELATED PROBLEMS IN CONCRETE FLOORS RECEIVING FINISHES

The SSG felt there was a need to take a wider view of this issue than is possible for any one player in the complex sequence that occurs in the design-document-bid-construct-occupy history of a building. First, a task force was created that included general contractors, flooring subcontractors, a structural and geotechnical engineer, a concrete supplier and several architectural specification writers. This task force met in several sessions to identify issues, share information and discuss the merits of particular responses to the problem. The participants recognized that there are structural as well as floor finish problems related to concrete slab moisture but decided to keep a specific focus on the problem of slab moisture and its detrimental effect on slab finishes. The task force also recognized that this problem was not limited to slabs-on-grade but occurred in elevated concrete floor slabs as well. Unique conditions such as basements and permanent high water table were excluded from this review.



Task force recommendations were presented to the Share Group and further refined into two documents: A guideline for design/specification/construction and a log to be used in tracking actual installation data and results. Here is a summary of the guideline and log. The full documents are available for downloading from the CSI Portland Chapter website, www.portlandcsi.org.

Guideline Summary

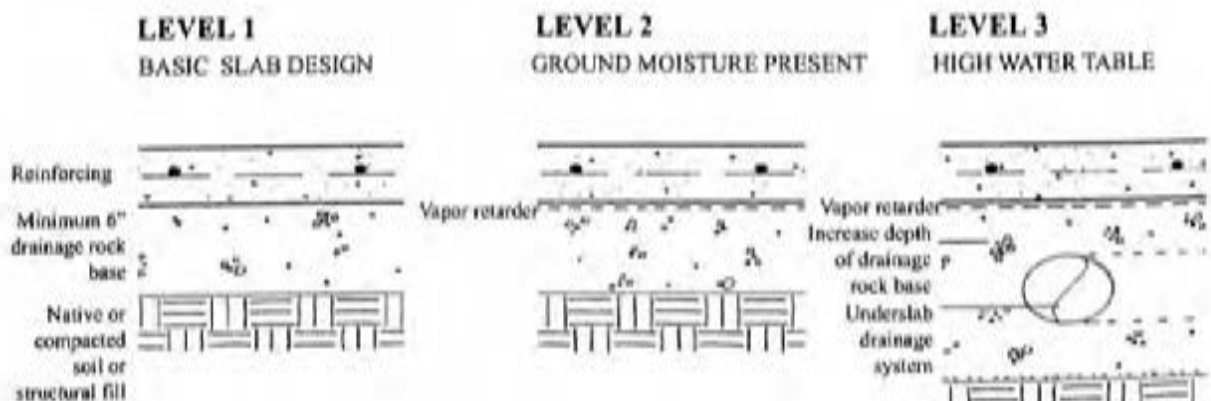
Design

There is a short review of moisture and moisture-borne elements. Slab moisture is present initially in the water used to make the concrete "plastic" and to start the hydration process. A slab may also absorb moisture from snow or rain, from wet construction processes or from the ground. Ground moisture can travel to the slab in liquid form through capillary movement or in vapor form that transfers moisture from one pressure zone to another. Moisture that is present in concrete slabs can also carry undesirable chemical components. These components can react with floor finish adhesives and cause deterioration and loss of bond.

The guideline states that good slab design starts with good soils information. Design of the slab construction is based on two fundamental principals:

- The slab must be separated from ground moisture.
- The moisture present in the slab at time of placement should be kept as low as practicable.

Since moisture presence varies from project to project, the guideline recommends a 3-level approach that assures economical effort appropriate to the specific site conditions. The 3 levels, diagrammed below, are described in detail in the full guideline document.



Specifications

The guideline also recognizes that there are multiple steps and participants during construction and that there are many requirements to be specified. The guideline recommends that specific items be included under:

- Project Management and Coordination
- Submittals
- Quality Requirements
- Earthwork
- Cast-in-Place Concrete (including reinforcing)
- Formwork
- Division 9 Floor Finish sections

One of the key areas of the recommendations has to do with testing. Slab testing should be added to the scope of work for the independent testing service provided by the Owner. This testing should include, in addition to moisture testing, an analysis of the alkalinity characteristics at the surface of the slab.

Construction

The guideline recommends putting more emphasis on coordination of slab-related work. The General Contractor is a key to this effort and will be responsible for providing clear communication between all parties involved with the slab and finishes. More attention should be brought to slab construction in Pre-Construction and Pre-Installation Meetings. This leads to a second document, created by the task force/SSG, the **Project Log**.

Project Log

This new document is intended to help fill gaps in the current process of slab construction that contribute to slab moisture issues and their persistent reoccurrence. A facsimile of this document is shown at right. It is suggested that this log be bound into the Project Manual to become a depository of information related to the installation of the slab as designed and specified. There are locations in the form for the Project Architect, the Testing Agency and the Contractor to record information about the slab. It will provide a record of the installation for the benefit of the floor finish subcontractors and other interested parties.

The Project Logs will also provide the industry with data on many projects so that there will a better understanding of the relationships between site conditions, materials and installation methods. It is hoped that this will lead to more reliable slab/finish installations and greatly reduce the instances of failures.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Upcoming topics include a "roundtable" on document quality; proper application of sealants; and insulation and fireproofing. 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 Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

Project Log for Concrete Floors Receiving Finishes Portland Chapter

(attach supplementary information if necessary)

Project: _____
 Site Address: _____
 Architect: _____
 General Contractor: _____ Superintendent _____

SOILS REPORT INFORMATION
 Geotechnical Engineer: _____ Date of Report: _____
 Soil Type Description: _____
 Ground Water Level: _____
 Recommendations: _____

SLAB DESIGNATION (For slabs at or above grade only - e.g. North 2nd Floor, etc.) _____
 (Attach plan)

BASE DESIGN
 Aggregate Size: _____ Depth: _____ Underlayment Drainage System (Y/N): _____
 Topping Course/Concrete: _____
VAPOR BARRIER/RETARDER (as installed) _____
 Type/Location/Comments: _____

CONCRETE SLAB DESIGN (as installed)
 Thickness: _____ Reinforcing: _____

FLOORING FAILURE
 Failure Date: _____ Location: (Attach plan with explanation) _____

CONCRETE MIX DESIGN (as installed)
 Strength: _____ Slump: _____ Water/Cement Ratio: _____ Fly Ash %: _____
 Admixtures: _____
 Water added to mix at site (Allowed): _____ (Actual): _____ Comments: _____

CONCRETE TESTING
 Testing Lab: _____ Test Dates: _____
 28-day Strength: _____ Comments: _____

SLAB MOISTURE TESTING
 Date: _____ Type: _____
 By: _____ Results: _____

ALKALINITY TESTING
 Date: _____ By: _____ pH: _____ Comments: _____

JOB-SITE CONDITIONS
 Pour Date: _____ Air Temp: _____ Rel. Humidity: _____ Extreme Evaporation Rate: _____
 Precipitation: _____ Comments (e.g. was slab poured under cover or in fully enclosed space): _____
 Previous 24 hrs: _____ inches _____
 At time of pour: _____ none light heavy _____
 24 hrs following pour: _____ inches _____ Type of Temporary Heat: _____
 HVAC Operation Start Date: _____

CURING PROCEDURES
 Start/Stop Date: _____ Air Temp: Range: _____ Wind Speed Range: _____
 Covering Type: _____ Finishing Comments: _____
 Finishing Treatment (Product): _____
 Curing Compound: _____
 Hardener: _____
 Sealer: _____
 Penetrant: _____

FLOOR FINISH SYSTEM
 Subcontractor: _____ Installation Date: _____
 Type: _____ Address: _____

12/7/01

1. What is MasterFormat™?

The 16-division MasterFormat™ is the most used format for specifications concerning nonresidential building projects in the United States. It is also widely used in Canada. Created in 1963, MasterFormat™ is the standard for titling and arranging construction project manuals containing bidding requirements, contracting requirements, and specifications. Specifically, MasterFormat™ is a master list of numbers and titles for organizing information about construction requirements, products, and activities into a standard sequence. MasterFormat's purpose is to facilitate communication by standardizing the way that information about construction projects is organized. That helps projects be completed on time, within budget, and to the owners' requirements. MasterFormat™ is a product of The Construction Specifications Institute and Construction Specifications Canada.

2. Why is MasterFormat™ being revised?

Construction materials and methods change constantly, so CSI revises MasterFormat™ every five to seven years to keep it current. CSI's Technical Committee regularly recommends a revision schedule for all technical publications. MasterFormat™ was last revised in 1995. The present revision activity is especially significant, and driven in part by changes in the construction marketplace. Construction technology has advanced rapidly since 1995. For example, there have been major developments in the scope and complexity of computer and communications systems for buildings and also security systems. Also, there is increasing need for more effective specification formats for roads, bridges, utilities, and other heavy civil engineering projects. And there is sentiment that specification formats are needed for process engineering, which is industrial construction (example: manufacturing plants). All these demands are contributing to the need for and direction of MasterFormat's™ current revision.

3. What process is being used to revise MasterFormat™?

The CSI Board's Executive Committee created the MasterFormat™ Expansion Task Team in April 2001 and directed it to expand MasterFormat™ to accommodate needs expressed by the industry. During the summer of 2001, the Task Team solicited input from more than 500 AEC industry organizations and evaluated responses. People from organizations with interests not met by MasterFormat™ made presentations at a November 2, 2001 Task Team meeting. Then the Task Team developed a proposal, based on information gathered by these and other means, on how

MasterFormat™ should be revised. The Executive Committee is scheduled to consider the proposal January 31, 2002. Upon the proposal's approval, work will start on finalizing the new MasterFormat's content, with appropriate industry input.

4. When is the new MasterFormat™ due out?

The MasterFormat™ Expansion Task Team's plans call for publishing the revised MasterFormat™ in mid to late 2003. However, many factors could change the publication date. For example, the Executive Committee has the option at its January 31 meeting of putting off the revision proposal's approval in order to get more information. That would delay publication.

5. How will the new MasterFormat™ be different?

No final decisions have been made, but the MasterFormat™ Expansion Task Team is recommending adding new divisions while leaving the existing Divisions 3-14 largely unchanged. Division numbers 15 (Mechanical) and 16 (Electrical) would be eliminated; their content would go in a proposed group of new divisions containing expanded content for mechanical, electrical and plumbing. There also are proposed new divisions covering computer and communications systems and the like, heavy civil construction, and process engineering (industrial construction). The Task Team's proposal calls for a new MasterFormat™ that would have more than 40 division numbers but only about 20 would be in use. Some new division numbers would be blank so as to allow for more efficient revisions/expansions and less disruption of MasterFormat™ in future years. For example, there is a proposed gap between Divisions 14 and 21 so that at some future time Division numbers 15-20 could be activated to cover new topics as the need arises.

6. How will new divisions affect current MasterFormat™ users?

Those now using MasterFormat™ would be able to keep using it much as they have been. The Task Team's recommendation is to leave Divisions 3 through 14 largely unchanged. There would be new divisions for computers and communications technology issues. There also would be new divisions expanding MasterFormat's™ coverage of mechanical, electrical and plumbing. Other new divisions would address heavy civil construction and process engineering (industrial construction). As a result of these proposed changes, the revised MasterFormat™ would:

- Minimize change for current users;
- Integrate and/or expand elements of construction projects now underserved by MasterFormat™, such as computer and communications systems. That will help practitioners fully address the requirements of such elements during projects' design; and

•Be better positioned to apply to more segments of the construction industry, such as heavy civil projects and process engineering (industrial construction)

perky's notes

By Perky Kilbourn, CSI

7. What about "Division 17"?

In recent years telecommunications groups have called for adding to MasterFormat's™ 16 divisions a 17th division devoted to computer technology, communications and other low-voltage systems in light of their ever-increasing scope, diversity, and complexity. Proposed content of a 17th division was submitted to CSI. The MasterFormat™ Expansion Task Team is recommending those concerns be addressed in two new divisions. One division would be called Communications. It would address many topics in the proposed 17th division advocated by telecommunications groups but not necessarily use the exact structure or language they developed. The other new division, Life Safety and Facility Protection, would address some topics relating to low-voltage systems. Neither new division would be number 17. In fact, the Task Team's recommendation calls for a gap between division numbers 14 and 21 (see question five above).

8. How will CSI get the industry's input as it revises MasterFormat™?

After the CSI Board's Executive Committee approves the new MasterFormat's basic structure, CSI plans to reach out to key construction industry organizations that have a major stake in the product. The civil engineering and process engineering organizations also will be asked to participate fully. Additional input will be solicited from specifiers and architects who are current and experienced MasterFormat™ users. Also, two symposia are proposed for extensive face-to-face discussions between CSI and affected parties.

9. How can I provide input as work goes on to revise MasterFormat™?

To comment before or after the Executive Committee takes action January 31, 2002 on the MasterFormat™ expansion recommendation, e-mail input to masterformat@csinet.org or fax comments to 703-684-0465 (Attention: MasterFormat Comments). And, practitioners' feedback will be welcome throughout the development of the new MasterFormat's™ specifics, which will be reported via the Institute's web site (www.csinet.org), the NewsDigest newsletter, and other means.

10. Will CSI provide tools to help MasterFormat™ users transition from the 1995 edition to the new edition?

Yes. Plans call for producing three items: a comparative matrix, a keyword index, and an electronic version of the new MasterFormat™ to help users transition to the new document. And, plans are being developed to offer training and education about the new MasterFormat™.

This is a report from the Library Committee. The space which seemed desirable for the Construction Library and Resource Center is no longer available. We continue to develop concepts.

Initially one of my suggestions was to use my laboratory space for my lab work as well as the Construction Library and Resource Center. My lab work was consisting of more and more of doing research, consulting and preparing reports rather than culturing microorganisms.

My laboratory has endured the agony of September 11, 2001, followed by the introduction of *Bacillus anthracis* to non-microbiologists. My laboratory was asked to check for *Bacillus anthracis* in water samples for a water bottling company.

How do you do it?

No one had any idea so I figured out a method which the Oregon Public Health Laboratory said sounded all right to them. I performed the testing in my laboratory until the end of November. At this time, the water bottling company management decided not to continue since all their water specimens had been negative for *Bacillus anthracis*.

I was glad because now I can:

First - get back to doing clinical specimens and research

Second - have time for some "CSI work" such as finding a space for the Construction Library and Resource Center.

Please call me at 503-222-5279 with your suggestions.

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NEWS FROM THE INSTITUTE

National News

Impact on the Economy

The U.S. construction industry employs more than 7.9 million workers and accounts for nearly 8 percent of U.S. gross domestic product.

The total dollar value of business done (the sum of value of construction work and other business receipts) in 1997 was more than \$856 billion.

The total value of new construction (excluding alterations, reconstruction and maintenance/repairs) in 1997 was more than \$541 billion. - U.S. Economic Census 1997 U.S. exports of construction services totaled over \$4 billion in 1998. The actual value of contracts won by American-owned companies was much larger, at over \$28 billion.

—U.S. Industry & Trade Outlook 2000

There were about 667,000 construction companies in the U.S. in 1997. Of these, roughly 197,000 were general contractors and operative builders; 37,700 were heavy construction or highway contractors; and 431,900 were specialty trade contractors.

—Bureau of Labor Statistics

In 1992, the average payroll of U.S. construction companies was \$205,515. Total payroll for 27,929 select establishments in 1998 was \$11.76 billion, an average of \$420,982 per firm, reflecting a 105% increase since 1992. In 1992, the construction industry in the United States spent \$73.93 billion, over \$55 billion in sub-contracts.

—Gale Business Resources

According to a survey of 5,214 establishments, 58% of construction firms hold industry assets between \$500,000 and \$5,000,000. Only .01% of all firms have net industry assets over \$50,000,000 (50 of the 5,214 surveyed).

—Standard & Poor's Industry Survey 1997

CSI Works with Chinese Software Firm

“The Construction Specifications Institute has signed an agreement with Sino-Con, a Chinese software development firm, that would help integrate the American and Chinese construction industries.... They have determined that CSI's MasterFormat™ is the best model for a Chinese master format. In forming this alliance, CSI hopes to expand its influence throughout Asia and other countries.”

—Doors and Hardware Magazine, August 2001

Industry News

Developers Getting On Board

Most private developers continued to resist using green building technologies until the last couple of years, when government agencies on the federal and local level began to adopt the LEED rating system developed by the U.S. Green Building Council (USGBC), a growing trade group of more than 740 stakeholders in the built environment. “For years, developers and owners were taking a wait-and-see approach attitude about green building,” says Ross Spiegel, incoming president of the Construction Specifications Institute and a board member of USGBC. “Now government agencies are tying accomplishment of green building objectives to tax credits and other incentives. Naturally developers and owners are going to want to do it, and architects have to respond.”

—Architectural Record, June 2001



Advancement
of Construction
Technology

the MINUTES

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
November 6, 2001

CALL TO ORDER: The meeting was called to order by President Jim Wilson at 12:15 P.M. at the Portland Chapter AIA Conference Room.

PRESENT: Doug Allen, Denise Carpenter, Inge Carstanjen, Margaret Kehrl, Robert Schroeder, Bruce Townsend, and Jim Wilson

ABSENT: Joe Bolkovatz, Curt Austin, Cherie McNabb, and Jody Moore

ALSO PRESENT: Lee Kilbourn and Cornelia Gibson

1. TASK TEAM REPORT:

- Long Range Planning - The Long Range Planning meeting has been postponed. A tentative date of January 26, 2002 is being considered. The Task Team is looking into the possibility of Bud Crouch being our facilitator for the meeting. All BOD members are expected to attend.
- Chapter Archives - Inge Carstanjen stated that she has CSI photographs. Inge will ask Margie Largent to prepare an oral history of the Portland Chapter of CSI. Cornelia Gibson has a banker box of old CSI BOD minutes. The task team was asked to report on the materials inventory and protocol for purging/retaining materials and prepare a proposal for the prospective storage arrangements for retained materials.

2. COMMITTEE REPORTS:

- Products and Services Fair: Cornelia Gibson reported on planning for the May 7, 2001 event. Both exhibit halls are rented at the Oregon Convention Center. Cornelia and Cherie McNabb met on November 5th. Cherie is working on the exhibitor packages mailer. Invitations will have the same format and are scheduled for printing in January. An article about the Keynote speaker will be included in an upcoming issue of *The Predicator*. Mini-seminars and programs are planned. A Project Gallery will be included at the Fair. No committee meetings have been held. All members including new members are encouraged to volunteer.

- Education Committee: Norbert Young FAIA, President McGraw-Hill Construction Information Group has been invited to speak at the Portland Products and Services Fair.

- Program: The December Dinner Meeting will focus on senior housing.

- Publicity: Denise Carpenter and Bob Schroeder are working to organize a larger publicity committee.

3. CSI LIASONS' REPORT:

The following reports were presented:

- Door Hardware Institute (DHI) - Doug Allen reported that their president is Kean Bacus (503) 243-6511. The DHI will have a tour of Pacific Architecture Wood on November 20, 2001, followed by a dinner at the Rheinlander.

- International Interior Designers Associations (IIDA) - Denise Carpenter met with the IIDA president. There was discussion on the Products and Services Fair. IIDA BOD meeting will be held November 13, 2001 at ZGF from 11:30 AM to 1PM. Jim Wilson offered to meet with the IIDA president.

- International Facilities Management Associations (IFMA) - Jim Wilson contacted Nash Hasan. They discussed the Portland Products and Services Fair.

4. FINANCIAL REPORT:

- The financial report was presented to the BOD.
- The financial report is following a curve typical for the Portland Chapter of CSI.

5. CORESPONDENCE AND THE WORLD:

- There was a motion, a second, the resolution passed to nominate Bob Pierson for retired status in CSI.
- The Region/CSC Joint Meeting is scheduled for May 24 to May 26 in Banff, Canada. Twenty-five rooms have been set aside for CSI. Members are encouraged to make their reservations early and indicate that they are with CSI.
- A joint Bi-Region meeting with the North Central Region is proposed in the year 2005. A possible location is in the State of Montana.

6. OCTOBER BOD MINUTES:

October 2, 2001 Board Meeting Minutes were read. There was a motion, a second, and the minutes were approved (MSP).

ADJOURNMENT: 1:12 P.M.

Respectfully Submitted, Margaret Kehrl, Secretary

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October 2001

- | | |
|------------------------------|-------------------------------|
| Alton, Robert C., CSI | Long, Donald, CSI |
| Burns, John, CSI | Morris, Corey L., CSI |
| Chew, J. Laurence, CSI, CCS | Rayburn, Tim, CSI |
| Chorzempa, Janelle, CSI | Shearer, Jeff, CSI |
| Cockburn, Tim, CSI, CDT | Shelman, David, CSI, CCS |
| Crouse, Sr., Kenneth L., CSI | Steel, Christine M., CSI, CCS |
| Cundiff, James L., CSI | Stein, Eddie, CSI |
| Derr, Gary, CSI | Tessman, Randy E., CSI |
| Fatz, Edward F., CSI, CCPR | Vaughn, Kevin, CSI |
| Foster, J. Peter, AIA, CSI | Wildeboer, Terry, CSI |
| Gibson, Klaus P., CSI | Will, Bill, CSI |
| Hudson, Myron K., CSI | Wilson, Michael E., CSI, CDT |
| Jensen, Ken | |
| Lamb, John, CSI | |

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kuykendall@ccwebster.net or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

**PORTLAND CHAPTER
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BUSINESS CARD ADS: Only \$75 per issue or even better \$500 for the year (11 issues).
INSERTS: Member Price - \$ 250 (Non-Members \$300 or join and \$50 will be deducted from your membership fee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) All advertisements must be approved by the Editor.

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Kuykendall Marketing Services
- Photography: Randy Tessman
- Printer: Echo Printing



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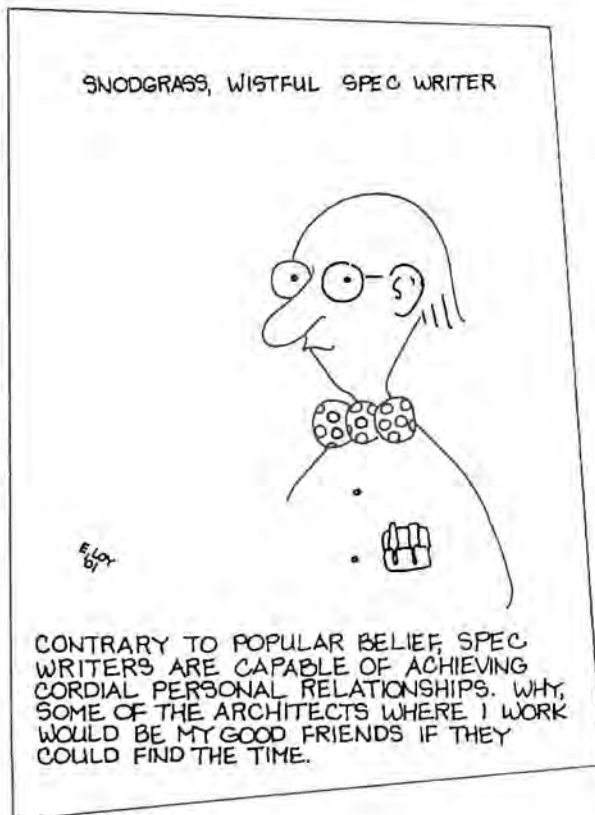
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the real world

By Ed Loy, CSI, CDT



the CONTACTS

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Portland Website
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NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)	Colin Maynard, CSI.....907-274-2236
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
Idaho, Boise, ID (First Tuesday)	Bob Kell, CSI.....208-938-1401

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THE PREDICATOR

315 SW 4th Avenue
Portland, OR 97204-2342

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January 2002



ROBERT R. KLAS CSI
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(complete billing address, including zip code required)

Card Number: _____ Expires: _____

Authorized Signature: _____

Date: January 8, 2002, Tuesday

Time: 5:30pm Meet Your Colleagues
6:30pm Dinner catered by Jake's
7:30-9:00 Presentation

Location: Princeton Building - Ballroom,
614 S.W. Eleventh

Special event price: table of 8 for just \$210!

**Fax your reservation no later than
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Checks should be mailed to: CSI, 9578 SW
Morrison St., Portland, OR 97225.
If you have a question, call the CSI Portland
Chapter office at 503-297-2162.

the PREDICATOR

improving the process of creating and sustaining the built environment

CSI Celebrates Engineering Month

Secure Facility Design

Tuesday, February 12, 2002

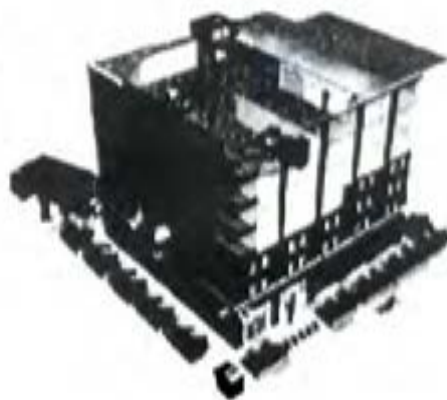
By Doug Allen, CSI, CDT

Wondering... how your products and services can be used to enhance building security and risk management?

Answers will be clear in this month's presentation by IDC Architects, an international expert in secure facility design. Their projects range from the latest computer chip manufacturing plants to facilities unraveling the mysteries of DNA. **Ken Self**, Controls Engineer and **Shuki Einstein**, Israeli Architect, will provide valuable information for all parties ~ engineers, designers, manufacturers, and contractors ~ about what can be done with the products and systems we take for granted to enhance building security.

Ken and Shuki will present an interesting Risk Assessment Program covering nine Security Design Elements to help us understand breaches in our own products, systems, and services.

Join us February 12th to hear solutions and practices to incorporate in design strategy and come away from this informative program with a much greater sensitivity to security design.



**Princeton Building Ballroom
614 S.W. Eleventh**

5:30pm Meet Your Colleagues
6:30pm Dinner catered by Jake's
7:30pm Presentation

Cost: \$30.00 per person, Sponsor a table for 8, just \$210!
Register now!

Please see the back page for easy registration.

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VOLUME 41, No. 7

Portland Chapter CSI
Monthly Newsletter



president's message

By Jim Wilson, CSI, CCS, AIA



This year I will try new glasses, so that seeing things differently I may realize some improvement!

The activity of building has been transformed over the past century by successive revolutions in technology. Until the later 19th Century there was a very limited range of materials commonly

used for building with wood, clay, and stone most prevalent. Copper, zinc, limited amounts of iron and glass, certain grasses, cloth or paper, plaster, paint, and tile nearly complete the list of available materials. Even within this brief list however, complexity is to be found.

2

At one time, painters ground their own colors. They formulated their own paint from materials as varied as milk, blood, eggs, tree resins, and precious or dangerous ingredients such as copper and arsenic. Skill and extensive knowledge were necessary for success with these materials and occasionally informed their use. At times a color was employed not for aesthetic affect only, but for its performance too. Window shutters, finely crafted and exposed to the most severe weathering, were painted green because the copper arsenate pigment discouraged rot. Shutters are still commonly painted green, but for reasons long since forgotten. Stirring the contents of a container, or combining part A with part B can be the extent of materials preparation for painting today.

It is both to our advantage and our impoverishment that many formerly complex processes have been greatly simplified. Each time we eliminate the necessity for knowledge and craft in an endeavor we risk devaluing it. Like seed separated from chaff, Craftwork made simple may leave only toil, and it is difficult to sustain one's spirit by toiling away. Decanting the dignity from our work has long been lamented as the modern age's deal with the devil. We can achieve abundance, but it may not have much meaning for us.

Have we lost some measure of spirit with every step we have taken away from traditional concepts of craft in our work? From many perspectives it appears that modern technology has left us simply with toil. Looking back to that painter of the mid 19th century we envision the solitary craftsman, grinding up paint with a mortar and pestle, mixing in vehicle and solvent, perhaps applying it with a brush they made expressly for the purpose. The imagined painter looks independent, is conceived of as their own master, an expert possessing integrity and competence.

If our spirit of work is impoverished today perhaps the fault lies not with changes in the processes of work, but that our practice of work has not evolved together with our processes. How might we alter our practice of work to recover the dignity and nobility seen in the past? I offer one step: recognize our interdependence; a second step: celebrate the breadth of our embrace; a third: honor our facility for invention and discovery.

We invest the 19th century craftsman painter with dignity and a noble spirit because of his independence, but deny this to ourselves because we are not independent. Inter-dependence is the reality for each one of us, and that is a remarkable achievement. We rely on innumerable people known and not known to us, seen and not seen. Who pilots the airplane? Who delivered that load of windows to your project? Who are those strangers that obey the rules of the road rather than run amok? This interdependence can exist only when there is trust. Self-reliance may be thought a virtue, but how much greater an achievement to be able to trust others, to rely on strangers. This is not a naive utopian vision, but the fact that permeates contemporary life, and gives to it both dignity and a noble spirit. Things still go wrong, trust can be misplaced, compromised, or violated, but when we acknowledge our interdependence we diminish the power of those exceptions and strengthen the bond of trust.

The Renaissance Man is a paradigm of mastery, whose competence and knowledge embrace many fields. It is possible to be a Renaissance Man today with a network of interdependence extending our

continued on page 9

Recently I received a copy of proposed revisions and expansions to MasterFormat. I have several concerns, mainly the gap in numbering system plus the total amount of proposed Divisions. I am old enough to remember the old system we used which had a high amount of Divisions and in general was most confusing. I have asked several of my CSI spec writer friends to give me their thoughts on this subject. I quote one letter received as follows: I have had a number of other individuals including consultants look at the proposed MasterFormat and there seems to be some concern by them about need to expand the Divisions. They have expressed the opinion that if a Section or Division is not identified in the current MasterFormat, "create it". The source of many of these comments are coming from individuals who have been writing specifications for a number of years, and may be resistant to learning a new system.

A positive change I see on this draft is breaking our Civil and Landscape Sections from Division 2 into Divisions 31-34. I am experiencing more frequently Civil Engineers identifying that their work occurs from the building line out. 02300 Earthwork has been a combination within the building and site, which to some degree has created scope and liability issues. Landscape Sections have not been difficult to identify. I think the proposed Division 32 is clearer as far as locating this work.

Another item I think is an improvement is moving Firestopping Section 07840 into a Division with other Life Safety issues. In our area of the country for the most part Contractors require Subcontractors who perform a penetration through a rated assembly to do the firestopping. In most cases this is the mechanical and electrical contractors. On a couple of projects the Subcontractors did not acquire the Firestopping Section during bidding which became a problem during contract administration. Developing a new Division may not resolve these past problems but I think it will bring greater attention to that scope of work.

Breaking apart Divisions 15 and 16 is needed. If anything has impacted the growth in documents is the past ten years it is low voltage communication systems. There has been talk of creating a Division

17 within the existing MasterFormat to deal with this issue. The proposed grouping of Divisions 21-25 is clearer in identifying mechanical and electrical work.

It was mentioned by the rewrite committee that the gaps between Divisions would allow for future growth by trades or technology and in time fill in those gaps. This is the first proposed change of the 16 Divisions since 1963. It will require learning by all who use it. Revising it in the future should be carefully considered as it is now and Divisions should not be added on a piece meal basis. Having said that, should the gaps be eliminated now and the proposed expanded Divisions added concurrently? Adding new divisions in the future will require another learning. If we keep the proposed gaps, will future Divisions fit nicely into these gaps?

Following three items are from a Mechanical Consultant: Under the current MasterFormat, 15050 Basic Materials and Methods covers the Mechanical Section. In the proposed expansion this information would be divided up in 22050 and 23050 possibly repeating similar information. Currently, insulation 15250 is located in the proposed format. Is this work intended to be located in Building Insulation 07200? Currently, Controls 15950 is located once and covers plumbing and HVAC equipment. In the proposed format HVAC Controls is located in 23800 for HVAC and pneumatics. Controls for plumbing were not noted in Division 22000. Is it intended that plumbing controls be located in 22000?

Ken's comment: It seems to me revising MasterFormat is a tough job and needs much more work done prior to fruition.

3



**Advancement
of Construction
Technology**

the CALENDAR

Portland Chapter CSI Events

Join us the second Tuesday of the month — except as noted — in the Ballroom at The Princeton Building, 614 SW 11th Avenue

2002

Feb. 12 Secure Facility Design
"Facility design with security in mind." IDC Architects will present a design consideration process making buildings more secure and less vulnerable. The comprehensive facility protection system takes all building systems and structural features into account through nine elements. These nine elements of the security design processes meet the demand for site safety, security, emergency preparedness, and disaster recovery. (1.5 HSW)

Mar. 12 Brewery Blocks
Gerding Edlin, the company who is shaping a new downtown core with their dynamic developments, will present this exciting project. (1.5 HSW)

Apr. 9 The Marketing Event with SMPS
Experts from the Society for Marketing Professional Services will again lead us in an interactive exercise to open our marketing minds. (1.5 LU)

May 7 Portland's Products & Services Fair
The Oregon Convention Center is where you can attend the premier showcase of construction products, professional services and continuing education in the Northwest.

7:00 PM — Michael Graves, FAIA
The American Institute of Architects' 2001 Gold Medal recipient will be our guest speaker. Two decades after the Portland Building hit our skyline, Michael Graves will share his current work, his views on architecture and the future. *Mark your calendar now* for this unique opportunity to expand your knowledge and to hear a true icon of our profession. (1.5 HSW)

May 8 Portland CSI and AIA Present Architecture Symposium 2002
Don Stastny, FAIA, Principal of StastnyBrun Architects, is a leading voice for the value of architecture in the

world and the local community. He will host an expert panel including **Michael Graves, FAIA**, and **Robert Campbell, FAIA**, architecture critic for the Boston Globe. (2 HSW)

June 11 Jobsite Tour: Brewery Blocks
Gerding Edlin & Hoffman Construction will be our host for this project. (1.5 HSW)

Region & National CSI Events

May 23-26 Conference 2002
Banff, Alberta Canada
Joint CSI NW Region and CSC National Conference. Plan now to attend!

June 27-30 The CSI Show 2002
46th Annual Convention & Exhibit
Las Vegas, NV - Convention Center

Other Events

Feb. 3-5 Emergent Building Technologies Conference - Paris, Las Vegas, NV
See page 5

Mar.-May AIA Spring Lecture Series
503-223-8757

For further information about these events, please call the CSI office: 503-297-2162.

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 503-318-8046
(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767
(meets every other Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predictor*, Dianne Kuykendall (503) 631-3782.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

portland products and services fair



Michael Graves, FAIA
Keynote Speaker for the
May 7, 2002 Products and Services Fair



The 2001 AIA Gold Medalist, 1999 National Medal of Arts recipient, and internationally renowned architect of such award winning buildings as The Portland Public Services Building 1982, The Newark Museum 1992, Washington Monument Restoration 1998, and The Denver Central Library 1998, Mr. Graves will present his firm's recent work and projects currently in development. Over 140 awards and citations have been presented to Mr. Graves for such diverse design work as architecture, consumer products, furniture, industrial design and exhibitions. This evening promises a rare opportunity to hear from one of the profession's most celebrated designers. Seven books have been published on his work with, *The Master Architect Series III: Michael Graves, Selected and Current Works* (1999) the most recent. Mr. Graves appearance as keynote speaker continues a Products Fair tradition of featuring nationally and internationally renowned practitioners. Additionally, he will participate in a major symposium the following day, May 8 in observance of the 20th anniversary year of the Portland Building dedication, which catapulted his architecture to international prominence when it was designed in 1980 and received an AIA National Honor Award in 1983. Many Portlanders' knowledge of Michael Graves work begins and ends with the Portland Building. I invite them especially, to join us on May 7, and see how extensive the range of Michael Graves' work is, and gain perspective on the vitality of his design work. From historical dialectics to a delightful whimsy there are many facets to the work of this distinguished architect and designer - come and see for yourself!

5

TUESDAY, MAY 7, 2002 - 2:00PM - 8:00PM OREGON CONVENTION CENTER

1/2 hour MINI SEMINARS

Once again we offer to you in coordination with the 2002 Products and Services Fair a series of mini-seminars to be held on the exhibit floor. We are setting up two 10' x 20' areas, with seating, easel, screen and display table. These spaces will be available for a 30 to 60 minute mini-seminar, allowing a 10 minute changeover for the next seminar.

These mini-seminars will be listed on a schedule distributed in advanced so attendees will know which seminars are being given and their time slot. There will be an opportunity for up to 14 mini seminar slots. We will be using the booths on the exhibit hall. Exhibitors will be signed up on a first come topic basis. A cost for a half hour mini seminar is \$200.00. A one hour mini-seminar is \$300.00. The seminar must be certified for learning units for the attendees of the fair.

Many national companies have these seminar packages pre-designed and approved for use at the national AIA conventions. For more information, and the continuing education application form, please contact John Lape at 505-243-2837. For information on availability of seminar space, please contact Cherie McNabb at 360-573-7834. fax: 360-571-8834.

The selection committee will schedule time slots and will contact you before May 7th with your seminar time. We look forward to seeing you at the show!

Approximate time slots

Seminar Booth # B

2:00-2:30
2:45-3:15
3:30-4:00
4:15-4:45
5:00-5:30
5:45-6:15
6:30-7:00

Seminar Booth #B

2:00-2:30
2:45-3:15
3:30-4:00
4:15-4:45
5:00-5:30
5:45-6:15
6:30-7:00

My good friend and co-conspirator Ken Searl expressed some concerns in his monthly column last October about the Master Painters Institute and their Approved Products List. He called them "serious questions."

A week after the October 2001 issue was delivered, I had phone calls from Barry Law, the President of MPI; Dianne, my favorite editor; and Ed Stein, our regional Sherwin-Williams rep.

I promised Dianne I'd write a rebuttal; keeping my comments to a single page in The Predicator.

I promised Barry I'd report his concerns. He sent me "20 Points" - points of rebuttal to Mr. Searl. They may now be found under "newsletter" on the Portland Chapter CSI website www.portlandcsi.org.

Ed wanted to make the playing field smooth - resembling a glossy surface.

I'll begin with a note about the projects I've specified. They've been public and private, bid and negotiated, in Oregon, Washington, California, Maryland, Illinois, Missouri and elsewhere, including overseas. I've called PDCA (Ken - it's the Painting and Decorating Contractors of America!) chapters in far away states and discovered they liked and recommended the Washington State PDCA Manual, and its list of products. For an overseas project, where known products were specified, a request was made to consider local products; we inquired of MPI the costs of their evaluation; the costs were considered reasonable; the decision is pending.

The President of MPI was concerned his organization was being "put down." His twenty points identify areas where Mr. Searl could have done a little more research. I agree.

I'd suggest specifiers start with AIA MasterSpec 09912 Painting (Professional Line Products). Here are my normal ("typical"?) edits.

6

1. In Article 2.1 "Manufacturers" change Paragraph A to read (and delete the other paragraphs listing manufacturers):
 - A. Products: Subject to compliance with requirements, provide the products listed in Master Painters Institute (MPI) Approved Product List (www.paintinfo.com) resulting in "Premium Grade" systems.
2. Article 2.2 "Paint Materials, General" is OK as is.
3. Delete the rest of the Articles in Part 2 (Pages 9 through 25).
4. Edit Articles 3.7 "Exterior Paint Schedule" 3.8 "Interior Paint Schedule" and 3.9 "Interior Stain and Natural-Finish Woodwork Schedule" by deleting the surfaces and finishes not required for the project.

Ed Stein suggests not being quite so abrupt - he'd like me to list MPI Product Numbers. For an example of how this might be done, specifiers may check out Section 09900 of the Unified Facilities Guide Specifications (UFGS) at <http://www.ccb.org/ufgs/ufgs.htm>. They are a joint effort of the U.S. Army Corps of Engineers (USACE), the Naval Facilities Engineering Command (NAVFAC), and the Air Force Civil Engineer Support Agency (AFCESA). UFGS are intended for use in specifying construction for the military services. I think they are a great resource, and I also agree with Mr. Searl that 79 pages would be too long for a paint spec - there are lots of notes included, at <http://www.ccb.org/ufgs/pdf/09900.pdf>.

I also think paint manufacturers draw fine distinctions between their products that aren't pertinent to my projects. I recognize that for sales purposes some of these distinctions may seem necessary, but for the projects I'm involved with, they are not useful. I need to be able to compare products that are expected to have the same performance under the same conditions and application procedures.

Our specifications need to be fair. I cannot read two similar labels and determine their "equality." I think MPI can do so, for the equitable results we all desire.



CSI 2002 Golf Tournament



8200 Sw Scholls Ferry Rd
Beaverton, OR 97008-6699
Phone: (503) 646-5166



August 9, 2002

Red Tail Golf Course (Formerly Progress Downs)

**Questions on reserving a team or to be a
CSI Tournament Sponsor**

PLEASE CONTACT US

The 2002 Golf Tournament Committee

Erica Bitterman, CSI, SDA
Precision Images
503.274.2030 or 503.232.3110

or

John Armstrong, CSI
Ingersoll-Rand
503.579.2477

7



January 10 SSG topic:

Construction Document Quality

You should have been there. Three (brave) contractors in a room with twenty architects and specifiers to discuss project document quality! And we only gave ourselves one hour! Over lunch! On the contractor side we heard from Bob Able, owner of H & A Construction, Rich Michael, a superintendent for Baugh Construction and Art Beyer of Emerick Construction, who splits his time between estimating and project management. On the architectural side....well I won't name names, but you know the types.

It actually turned out to be a very good exchange of issues and perspectives and I will attempt to share some of the highlights. Since the format provided a pretty steady dialog, I will organize the rest of this column like the conversation, covering the issues in roughly the sequence in which they came up. I have intentionally elected not to describe the interruptions due to brawls or the distractions caused by participants contacting legal counsel on their cell phones.

Questions were addressed to the Contractors:

What are your observations about the general quality of Construction Documents you see?

Contractor: Remember your audience. You are not documenting for lawyers. A very low percentage of contractors are interested in going to court over the interpretation of documents. But the trades in the field need to know what you want them to do.

Specifier: We are writing to the General Contractor. It is the GC's responsibility to make sure the trades get and understand the communication. Some of the laborers are minimally educated and may not be skilled in the tasks they are performing. In these cases, the supervisors need to know the documents and be able to communicate them properly. On the legal issues, unfortunately, specifiers do have to pay attention to the liability exposure of Owners and the A/E team members.

Contractor: In bidding we often have a category we call "unspecified items." These are items that may

appear in the Drawings but not be specified or items included in the Specifications that are not identified in the Drawings. In negotiated work you cover the estimated costs of these items. In a competitive bid these items may not be priced and create problems during construction.

Common culprits are items that should be in Division 10 but are overlooked because there may be only 1 or 2 instances in the job.



Contractor: Other coordination issues include unedited master specifications, out-of-date specifications that have invalid products or contact information; use of phrases like "by others", "see Mechanical", "verify"; expecting too much stuff to fit in the space above ceilings.

Specifier: The Architect and engineers can plan for the components that must fit into the ceiling void, but must depend on the participating subcontracts to have a coordinated effort to determine how everything is supported and given the required seismic restraints.

Contractor: Scaled ducting plans are a vast improvement over the old 1-line diagrams. Also, wide ducts often require additional fire-sprinkler coverage, not always noted.

What items are commonly "over-documented"?

Contractor: Interior Elevations. Why, in a fairly typical building, is it necessary to draw every elevation of every room? Doesn't the Finish Schedule give enough information?

Specifier: Including Interior Elevations is a precaution to 1) assure that the contractor doesn't have to guess the correct amount and location of finishes, and 2) to make sure that switches and other devices are installed in the right place. In this way the practice helps the design team think through all the elements of the room.

What items are commonly “under-documented”?

Contractor: Sheet Metal work and sealants. A typical project has a lot of flashing and sheet metal trim that occurs in many different trades. At bid time it is often hard for the General Contractor to verify that there is not under or over coverage of the sheet metal scope. During construction it is important that all occurrences of sheet metal have adequate information about the material, gauge and finish. Also sealants may occur in several different trades. The Contractor prefers having them located in one section as long as each distinct application is described appropriately. The exception may be with EIFS (Exterior Insulation and Finish System) when the General Contractor (and the Owner) would like one subcontractor to be responsible for the entire water-tight envelope.

The topic of the underdocumentation of Controls was also discussed. With greater sophistication of systems and more levels of environmental response, controls that affect multiple systems are increasing. The question of where these are documented, to say nothing about who installs them, demands an increasing level of coordination among all parties.

Conclusion: The guests pointed out the clear benefits of well-coordinated, project-specific construction documents: Less uncertainty during bids and greater productivity during construction which understandably translates into “tighter bids” and a good value for the Owner.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Upcoming topics include architectural pre-cast concrete; a tour to a stainless steel fabrication plant; proper application of sealants; and insulation and fireproofing. 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 Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

knowledge. This knowledge, leveraged by a network of thinkers, specialists, and generalists alike embraces greater breadth and diversity than one person ever could. Our capabilities are magnified many times over. This interdependence merits respect, the power of these relationships kindles a sense of awe and delight, and dignity is restored to our work. Celebrate the true power of interdependence: that you need not possess the knowledge yourself to have the advantage of it.

With our broad embrace and network of trust supporting us we may take more risks with less fear of experiencing failure's consequences. Life-In-the-Fast-Lane summarizes the grievances of our continuously accelerating pace of life. Have we lost the opportunity for extended contemplation of a particular question, or have the forces that compelled us to stasis lost their hold? The eclipse of contemplation has also revealed opportunities for discovery. We are now freer to question and challenge those foreordained structures that constrain us, and invent new solutions. Our facility for discovery - the nature of idea generation - is directly related to our knowledge network. The more spokes and connections the network contains, the more ideas it can generate. The knowledge network that can focus many people for brief periods on generating ideas and solutions is our bold replacement for the solitary craftsman and their independent path. With the power of a million thoughts at our disposal we can create results that overwhelm our individual efforts. This is a distinction to be claimed for our contemporary practice of work and an achievement worthy of our esteem. We should celebrate the dignity of the past and the ways which ennobled it, but that backwards gaze must not blind us to the quality our own times. There is an abundance of dignity, and nobility to be found in our work today if we will only open our eyes to it.

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the **NEWS FROM THE INSTITUTE**

Institute News

CSI's Convention and Facility Forum to Co-locate at Construct America(tm) in 2003

Starting in 2003, CSI and Group C Communications, Inc. will co-locate their trade shows at Construct America. The goal of Construct America is to better serve the needs of the nonresidential construction and building industry through partnerships with leading industry organizations and associations.

Construct America, which will debut in Chicago next April, will feature The CSI Show and Group C Communications' Facility Forum. While The CSI Show is already one of this country's largest annual gatherings of nonresidential construction industry practitioners, the Facility Forum is the most comprehensive conference and exhibition designed exclusively to meet facility professionals' needs. Together, CSI and Group C Communications will create the broadest possible construction marketplace in North America.

Volunteers Needed to Review ADA Accessibility Guidelines Technical Bulletin

If you've been looking for a way to become involved in a technical program, CSI has just the opportunity for you. Input from a cross-section of members on the new Americans with Disabilities Act (ADA) Accessibility Guidelines technical bulletin that the Institute is creating is necessary to increase the final product's perceived legitimacy. Using CSI's InfraKnowledge Web site, members and other construction industry professionals will have the opportunity to help shape a set of guidelines the entire industry will have to follow for years to come. The target completion date for this technical bulletin (regarding construction tolerances for exterior ramps and walking surfaces and how they meet ADA guidelines) is April 2002.

Save the Dates for The CSI Show™

Mark your calendars today for CSI's annual convention, to be held June 27-30 in Las Vegas. Join thousands of fellow construction industry practitioners for one of the largest conferences in the industry. With over 600 exhibitors and more than 1,000 booths, there will be plenty to see on the show floor. And six tracks will contain nearly 60 educational sessions. The tracks are Forensics and QA/QC; Environment and Safety; Design and Specifications; Products and Technology; Leadership and CSI; and NSCA University Technology Pavilion.

Industry News

CAD Simulates Airplane Attacks on Buildings

In the wake of the Sept. 11 attacks, a consulting engineer has used CAD simulation tools to adapt automotive crash study techniques to aircrafts slamming into buildings. The tool actually simulates a plane engine smashing into a column instead of just a vehicle hitting a building's wall. According to Tony Fitzpatrick, chairman of Arup Americas, San Francisco (the developer of this tool), these simulations are meant to lessen building owners' fears by allowing them to consider construction modifications and plans based on the results.

The study has been performed on the following two column types: a concrete-and-steel megacolumn (which is part of an eight-column frame of a 90-story skyscraper being built in Hong Kong) and a standard steel perimeter H-column (from a conventional 40-story building that takes vertical loads only). The testing will soon be applied to concrete walls and other frames. In the meantime, Fitzpatrick says these simulations can give owners an assessment of how much time building occupants have to evacuate before possible collapse of a given structure.

—Information from www.enr.com, 12/10/01

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*Project Labor Agreement for Wilson Bridge Denied
by FHWA*

Maryland's request to mandate a union-supported, project labor agreement on the largest contract for the Woodrow Wilson bridge and interchange project (spanning the Potomac River and connecting Maryland with Virginia) was denied by the Federal Highway Administration (FHWA). According to the FHWA's Dec. 7 announcement, state officials didn't prove the proposed labor pact would "provide the benefits claimed in Maryland's submissions." The denial was supported the Associated Builders and Contractors (representing nonunion construction firms) but was considered "phony and politicized" by the AFL-CIO Building and Construction Trades Dept. (representing construction labor unions). Construction has already begun on this \$2.5-billion project; \$1.6 billion in federal aid has already been authorized by Congress to rebuild the bridge and upgrade the interchanges on each side of the Potomac.

—Information from www.enr.com, 12/10/01



Conference 2002

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The Banff Centre

National Conference
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Calgary Chapter

Region Conference
Construction Specifications Institute
Northwest Region

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Perky Kilbourn,
503-222-5279, would
like suggestions for
a space for the
Construction Library
and Resource Center.
Thanking you in
advance for your help.



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the MEMBERSHIP

Portland Chapter CSI Welcomes New Members

The following individuals joined the Institute and the Portland Chapter between July 2001 and December 2001. The information given is according to Institute records (with data in italics from the Membership Committee). Corrections may be made on the Internet at www.csinet.org by following the prompts.

Mr. Philip J. Agnelli, CSI is a Material Supplier, with Washington Hardwoods. 3257 17th Avenue West Seattle, WA 98119-1708. Ph: 206-283-7574, Fax: 206-283-0970, e-mail: philagnelli@washingtonhardwoods.com

Mr. Douglas W. Ashton, CDT is a Construction Manager, with Portland State University. 1945 Westlake Loop Newberg, OR 97132. Ph: 503-537-9572, Fax: none, e-mail: riviera852001.

Mr. Robert Bechtel, CSI is a Manufacturer's Representative, with Chemrex LLC. 21424 SE 16th Pl. Sammamish, WA 98075. Ph: 425-392-1876, Fax: 425-392-2781, e-mail: robbechtel@earthlink.net.

Mr. Dennis Colby, CSI is a Material Supplier, with Dupont Flooring Systems. 4114 SE 33 Ave. Portland, OR 97202. Ph: 503-219-8675, Fax: 503-224-0714, e-mail: dennis.d.colby@flooringdupont.com.

Mr. Terry L. Decker, CSI is a Manufacturer's Representative, with Parker Paint Co., Inc. 23323 196th Avenue SE Maple Valley, WA 98038. Ph: 206-795-6815-mobile, Fax: 425-413-2835, e-mail: tdecker@home.com.

Mr. B.A. Forsberg, CSI is a Distributor, with Lindco Floors, Inc (LFI). 110 S.E. Taylor #D Portland, OR 97214. Ph: 503-731-5922, Fax: 503-731-5923, e-mail: lindcofloor@msn.com.

Mr. Erik Goodfriend, CSI is an Architect, with Mahlum Architects. 1231 NW Hoyt #102 Portland, OR 97209. Ph: 503-224-4032, Fax: 503 / 224-0918, e-mail: egoodfriend@mahlum.com.

Mr. R. Kumar Grover, CSI is a Structural Engineer, with Arcadia NW. 14955 NE 90th Redmond, WA 98052. Ph: 425-869-7300 or 800-755-9792, Fax: 425-869-1607.

Mr. Derek J. Hardy, CSI is a Material Supplier, with Exterior Wood, Inc. 2331 81st Ave NE Olympia, WA 98506. Ph: 360-835-8561, Fax: 360-943-4274, e-mail: dhardy@exteriorwood.com.

Ms. Leslie Imes, CSI is a Project Manager, with Beaverton School District. 2180 SW 170th Ave. Beaverton, OR 97006. Ph: 503-591-4575, Fax: 503-591-4469, e-mail: leslie_imes@beaverton.k12.or.us.

Mr. John Kouba, CSI is a Material Supplier, with Malarkey Roofing Company. P.O. Box 17217 Portland, OR 97217. Ph: 503-283-1191, Fax: 503-283-5405, e-mail: jregkouba@aol.com.

Mr. Steve Lewis, CSI is a Material Supplier, with Washington Hardwoods. 3257 37th Avenue West Seattle, WA 98119. Ph: 206-283-7574, Fax: 206-283-0970, e-mail: stevejlewis@washingtonhardwoods.com.

Ms. Jeri Livingston, CSI is a Project Manager, with Pesznecker Brothers Inc. 15500 SE 102nd Clackamas, OR 97015. Ph: 503-655-5128, Fax: 503-655-9292, e-mail: JERI@LIVINGSTON.

Mr. Michael Minturn, CSI is a Material Supplier, with Coastal Atlantic Associates, Inc. P.O. Box 226 Washougal, WA 98671. Ph: 360-335-1680, Fax: 360-335-1670.

Mr. Michael A. Moore, CSI is an Architect, with City of Sherwood. 20 NW Washington St. Sherwood, OR 97140. Ph: 503-625-4232, Fax: 503-625-0679, e-mail: moorem@sherwood.or.us.

Mr. John Munera, CSI is a Cost Estimator, with Arcadia Northwest. 14955 NE 90th Street Redmond, WA 98052. Ph: 800-755-9792, Fax: 425-869-7300.

Mr. Spencer Nath, CSI is a Consultant, with Spencer & Sons, Inc. 2428 Lancaster Street West Linn, OR 97068. Ph: 503-650-6755, Fax: 503-650-6784, e-mail: snath@juno.com.

Mr. Ted L. Nisley, CSI is a Material Supplier, with Coastal Atlantio Assoc., Inc. 11440 SW Tiedeman Road Tigaro, OR 97223. Ph: 503-639-7360, Fax: 503-684-3940, e-mail: tigatnis@alliedbuilding.com.

Mr. Ron J. Preston, CSI is an Architect, with Moda Design, LLC. 323 NW Sixth Avenue Portland, OR 97209. Ph: 503-228-9117, Fax: 503-228-1238, e-mail: ron@modadesign.com.

Mr. Adam Rakus, CSI is a Material Supplier, with Arcadia. 14955 N.E. 90th Street Redmond, WA 98052. Ph: 800-755-9792, Fax: 425-869-7300.

Mr. Michael D. Ramage, CSI is with ENSPEC Corp. Po Box 94175 Seattle, WA 98124. Ph: 206-623-9508, Fax: 206-623-9188.

Mr. Andy A. Reiter, CSI is a Civil Engineer, with WRG Design, Inc. 5415 Southwest Westgate Drive #100 Portland, OR 97221. Ph: 503-419-2500, Fax: 503-419-2600, e-mail: aar@wrgd.com.

continued on page 13

the MINUTES

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
December 4, 2001

CALL TO ORDER: The meeting was called to order by President Jim Wilson at 12:15 P.M. at the Portland Chapter AIA Conference Room.

PRESENT: Doug Allen, Curt Austin, Joe Bolkovatz, Denise Carpenter, Inge Carstanjen, Margaret Kehrl, Cherie McNabb, Robert Schroeder, Bruce Townsend, and Jim Wilson

ABSENT: Jody Moore

ALSO PRESENT: Lee Kilbourn

1. TASK TEAM REPORT:

Long Range Planning - The Long Range Planning meeting has been postponed. There was a motion, a second and the following resolution passed, " The BOD gives their approval for the Long Range Planning Task Team to procure the services of Bud Crouch for up to a two day planning session. It is recognized by BOD members that their active participation is required."

2. COMMITTEE REPORT:

Education Committee: The education program, *Moisture Problems in Finish Floor Substrates An Industry-Wide Perspective*, netted approximately \$1,500.

3. CSI LIASONS' REPORT:

International Interior Designers Associations (IIDA) - Cherie McNabb and Jim Wilson will meet with IIDA on December 10th at their 11:30 meeting at ZGF.

4. FINANCIAL REPORT:

- The financial report was presented to the BOD.
- The financial report is following a curve typical for the Portland Chapter of CSI.

5. CORESPONDENCE AND THE WORLD:

- There was a motion, a second, and the resolution passed unanimously to accept Jim Wilson's offer to serve his second term as President of the Portland Chapter of CSI.

- There was a motion, a second, and the resolution passed unanimously to accept Cherie McNabb's to serve a second term as President-Elect of the Portland Chapter of CSI.

6. NOVEMBER BOD MINUTES:

November 6, 2001 Board Meeting Minutes were read. There was a motion, a second, and the minutes were approved as amended (MSP).

7. DECEMBER BOD MINUTES:

The January 8, 2002 BOD meeting will be held at 4:15 PM in the Princeton Building.

ADJOURNMENT: 1:05 P.M.

Respectfully Submitted,
Margaret Kehrl,
Secretary

continued from page 12 The Membership

Mr. Aaron Richardson, CSI is a Manufacturer's Representative, with Armstrong. 5116 SW Scholls Ferry # B210 Portland, OR 97225. Ph: 503-297-1123, Fax: 503-297-1840, e-mail: arichardson@armstrong.com.

Mr. John W. Robertson, CSI is a Sub Contractor, with Robertson Grating Products, Inc. P.O. Box 2889 Clackamas, OR 97015. Ph: 503-794-5629, Fax: 503-794-5632, e-mail: info@rgpgrates.com.

Mr. Nick Shur, CSI is a Architect, with Shur Architects, LLC. 208 SW Stark Street, Suite 607 Portland, OR 97204-2607. Ph: 503-222-3645, Fax: 503-222-9627.

Mr. David Talbott, CSI, CDT is a Manufacturer's Representative, with Architectural Reproductions. 525 North Tillamook Street Portland, OR 97227. Ph: 503-284-8007, Fax: 503-281-6926, e-mail: dtalbott@archrepro.com.

Mr. Denny Taylor, CSI is a Manufacturer's Representative, with AMSPEX/OLDCASTLE. 18530 Columbia Ave. Gladstone, OR 97027. Ph: 503-282-2299, Fax: 503-282-2186, e-mail: denny.taylor@oldcastleapg.com.

Mr. Tony G. Vengarick, CSI is a Manufacturer's Representative, with VPI, LLC. 9731 SE Linwood Ave. Milwaukie, OR 97222. Ph: 503-788-7634, Fax: 503-777-2433, e-mail: avengarick@vpicorp.com.

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November 2001

Bitterman, Don, CSI	Miller, Carolyn, CSI, CDT
Bitterman, Erica L., CSI	Moore, Michael, CSI
Bowles, Michael H., CSI	Neiger, Solvei, CSI
Carpenter, Denise, CSI	Nicklas, Randal A., CSI
Chick, G., CSI	Okano, Robert, CSI
Coffey, Tom, CSI	Parks, Jerry, CSI
Eastwood, Angus, CSI, CDT	Pride, Thomas W., CSI
Grant, Michael C., CSI	Ryan, Bill, CSI
Holgate, Bette-Jean, CSI	Stanek, F. Arlen, CSI
Kuhn, Shana L.	Winegar, Michael, CSI
Loftesness, Alan, CSI	

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kuykendall@ccwebster.net or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

**PORTLAND CHAPTER
Advertising Opportunities**

BUSINESS CARD ADS: Only \$75 per issue or even better \$500 for the year (11 issues).
INSERTS: Member Price - \$ 250 (Non-Members \$300 or join and \$50 will be deducted from your membership fee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) All advertisements must be approved by the Editor.

THE PREDICATOR STAFF

Editor: Dianne Kuykendall,
Kuykendall Marketing Services
Photography: Randy Tessman
Printer: Echo Printing



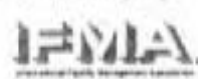
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the real world

By Ed Loy, CSI, CDT





TUESDAY, MAY 7, 2002 - 2:00PM - 8:00PM OREGON CONVENTION CENTER

1/2 hour MINI SEMINARS

Once again we offer to you in coordination with the 2002 Products and Services Fair a series for you to be involved in of mini-seminars to be held on the exhibit floor. We are setting up two 10' x 20' areas with seating, easel, screen and display table. These spaces will be available for an exhibitor to provide a 30 or 60 minute mini-seminar, allowing a 10 minute changeover for the next seminar.

In the past, the Products and Services Fair has been able to provide AIA members with continuing education credits for time spent touring the exhibits at the fair. Changes to the AIA Continuing Education Program now require a more formalized education opportunity, such as mini-seminars. It is our firm belief that we need to continue to provide continuing education opportunities for AIA and IIDA members, to encourage their attendance at this event.

These mini-seminars will be listed on a schedule distributed in advanced so attendees will know which seminars are being given and their time slots. There will be an opportunity for up to 14 mini seminar slots. We will be using booths on the exhibit floor. Exhibitors will be signed up on a first come topic basis. A cost for a 30 minute mini seminar is \$200.00. A 60 minute mini-seminar is \$300.00. The seminar must be certified for learning units for the attendees of the fair.

Many national companies will already have these seminar packages pre-designed and approved for use at the national AIA conventions. For more information, and the continuing education application form, please contact John Lape at 503-243-2837. For information on availability of seminar space, please contact Cherie McNabb or Adrienne McNabb at phone: 360-573-7834 or fax: 360-571-8834. The selection committee will schedule time slots and will contact you before May 7th with your seminar time. We look forward to seeing you at the show!

Approximate time slots

Seminar Booth #A
 2:00-2:30
 2:45-3:15
 3:30-4:00
 4:15-4:45
 5:00-5:30
 5:45-6:15
 6:30-7:00

Seminar Booth #B
 2:00-2:30
 2:45-3:15
 3:30-4:00
 4:15-4:45
 5:00-5:30
 5:45-6:15
 6:30-7:00



Dear Products Fair Exhibitor,

Welcome to the 28th annual 2002 PORTLAND PRODUCTS AND SERVICES FAIR presented to you by CSI (Construction Specifications Institute), IIDA (International Interior Design Association), AIA (American Institute of Architects), AGC (Association of General Contractors) and IFMA (International Facilities Managers Association) a strong team of construction related associations. The fair is scheduled for Tuesday, May 7, 2002 from 2:00 pm - 8:00 pm in the Oregon Convention Center Exhibit Hall 'A' & 'A1'. We have hall A1 to accommodate more vendors to exhibit and to allow many architectural, design and construction firms to have an exhibit in the best fair of the Northwest.

♦ **MINI SEMINARS** - You as a vendor have the opportunity to give a 1/2 hour mini seminar. These seminars will be on the exhibit floor in a 20 X 10 booth. The seminar must be certified for learning units for the architects and designers. We will have availability of up to 14 seminars - Cost \$200.00 per half hour session and \$300.00 per hour. Sign up and register on the exhibitor contract. This is on a first come topic basis. Find more information about these seminars on sheet included with this packet.

♦ **ARCHITECT, DESIGNER, CONTRACTOR, STUDENT PROJECT GALLERY** - The gallery will be running from 2:00 pm - 8:00 pm. As part of our promotion for the show we encourage Architects, Designers, Contractors & College Students to exhibit their projects. This gives firms a chance to feature their strengths in the construction industry. This is new and exciting for us to be able to offer this opportunity. We are inviting all schools and universities with interior design, architectural, and construction programs to be a participant. This gives these schools the opportunity to display their design projects and show off what the school has to offer to future students. What an opportunity for new and upcoming designers, architects, and construction team to show all their "new visions". We believe it is vital to present to all the future of our construction community. Please join us. Contact Carolyn Miller at 503-260-7744 for more info.

♦ **VENDOR LUNCH** - 12:00-1:00pm join us at the Portland Conference Center (across max tracks from the convention center) for lunch and entertainment. This year we will be entertained. Lunch is \$15.00. Come join us - eat lunch, laugh and relax with us prior to the full day of exhibiting.

♦ **BOOTHS** - will be 10' X 10' draped, one six foot table, and one chair.

♦ **SET UP TIME** - The set up will be on Monday, May 6th from 2:00 pm until 10:00 pm and continue on Tuesday, May 7th from 7:00 am until 11:00 am.

We recommend that if you have large exhibit pieces you may want to set up on Monday.

♦ **TEAR DOWN** - will begin at 8:00 pm after the show ends on Tuesday, May 7th and **must** be completed by 10:00 pm. The Oregon Convention Center needs to have all displays out by 10:00 pm Tuesday, May 7.

? about a booth: Cherie McNabb or Adrienne McNabb Phone: 360-573-7834, Fax: 360-571-8834

? about general info on fair: Cornelia Gibson, Phone: 503-624-7444

We hope to see you at the 2002 PRODUCTS AND SERVICES FAIR!
TUESDAY, MAY 7, 2002 - 2:00 PM - 8:00 PM

the CONTACTS

PORTLAND OFFICERS & DIRECTORS

President	Jim Wilson, CSI, CCS, AIA.....503-222-1917
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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 and Services Fair — Co-Chairs	Cornelia Gibson, CSI, CDT (Attendees).....503-624-7444 Cherie McNabb, CSI, CDT (Vendors).....360-600-8444
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Specifiers Share Group & Technical	Michael Madias, CSI, CCS.....503-224-6767 David Shelman, CSI, CCS.....503-227-1254
Student Affairs — Co-Chairs	Randy Tessman, CSI.....503-318-8046 Igo Jurgens, CSI, AIA.....503-223-0992
Student Affiliate	Sarah Lynn Garrett, CSI.....503-252-7806
Webmaster	Rick Heiserman, CSI, CDT, AIA.....503-892-1321

Portland Website
www.portlandcsi.org

INSTITUTE DIRECTORS

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2001-2003	Jeff Callahan, CSI, CCA Tel: 907-786-6425 fax: 907-786-6444 e-mail: afjcl@uaa.alaska.edu University of Alaska Anchorage PO Box 104882 Anchorage, AK 99510

Region Website
www.csinwr.org

REGION COMMITTEES

Academic Affairs	Ed Storer, CSI, CCS.....206-223-5052
Archives	Bob Hesselstine, CSI, CCS.....503-765-0374
Awards — Co-Chairs	Gerald McDonnell, CSI.....541-344-9157 Karen Morris, CSI, CDT.....208-343-3620
Certification	Sherry Harbaugh, CSI, CCS.....509-456-6525
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Membership	Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400
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Newsletter Publisher	Sheila Kenworthy.....253-565-1797
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	Igo Jurgens, CSI, AIA.....503-223-0992
Technical	Jim Adkins, CSI, CCS.....206-634-0570
Webmaster	Rand New, CSI, CDT.....541-688-5594

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)	Colin Maynard, CSI.....907-274-2236
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
Idaho, Boise, ID (First Tuesday)	Bob Kell, CSI.....208-938-1401

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THE PREDICATOR

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February 2002



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(\$30.00 per person — Sponsor a Table for 8 only \$210)

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Cardholder Name: _____

Cardholder Address: _____
(complete billing address, including zip code required)

Card Number: _____ Expires: _____

Authorized Signature: _____

Date: February 12, 2002, Tuesday

Time: 5:30pm Meet Your Colleagues
6:30pm Dinner catered by Jake's
7:30pm Presentation

Location: Princeton Building - Ballroom,
614 S.W. Eleventh

Special event price: table of 8 for just \$210!

**Fax your reservation no later than
Feb. 8, 2002 by 5:00pm to (503) 297-3183.**

Checks should be mailed to: CSI, 9578 SW
Morrison St., Portland, OR 97225.
If you have a question, call the CSI Portland
Chapter office at 503-297-2162.

the PREDICATOR

improving the process of creating and sustaining the built environment

The Brewery Blocks

Tuesday, March 12, 2002



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VOLUME 41, NO. 8

Portland Chapter CSI
Monthly Newsletter



Tower cranes have been busy moving equipment and materials up to several growing multi-story structures where the Blitz-Weinhard Brewery once stood. You have surely seen them working alongside historic brick walls and steel structures steadily taking shape while traveling through town on Burnside.

On March 12, CSI presents a unique opportunity to learn about this five-block project in Portland's once industrial district now known as The Pearl.

Dennis Wilde, Project Manager for Gerding/Edlen Development, will join us to share the project vision that is transforming The Brewery Blocks into a livable and vibrant community space.

Phil Beyl, Principal GBD Architects, will join Dennis with members of the design team to give us insight on the project architecture. The team has faced many challenges working to incorporate elements of the former brewery and being faithful to the character of the neighborhood while undertaking the challenge of meeting the highest sustainable development standards in the country.

Join us for a special evening with people who are shaping our community, and get an inside preview for our June meeting when we'll tour the **Brewery Blocks**.

**Princeton Building Ballroom
614 S.W. Eleventh**

5:30pm	Meet Your Colleagues
6:30pm	Dinner catered by Jake's
7:30pm	Presentation

Cost: \$30.00 per person, Sponsor a table for 8, just \$210!
Register now!

Please see the back page for easy registration.

president's message

By Jim Wilson, CSI, CCS, AIA



In his novel of 1888, *Looking Backward*, Edward Bellamy placed his narrator, Julian West in a utopian 21st Century Boston, Massachusetts. Mr. West related in first person the salubrious surroundings in which he found himself, and compared them with his previous 19th Century circumstances. In preparing for the Chapter's Long Range Planning workshop

in April, our facilitator, Bud Crouch has asked us to complete a similar kind of exercise. Compose a letter to a colleague, assuming it to be 10 years hence, and relate the successes the Portland Chapter of CSI has achieved. Envision a highly successful future where everything we set out to do, has been achieved. What would you be writing to your friend? Mr. Bellamy's book was perhaps the most widely read American novel of the 19th Century. I doubt this missive will prove as popular, but please indulge me by permitting me this space to share it with you.

February 18, 2012

Dear Julian,

I am delighted to hear that you will be relocating to Portland from Boston. Even though Francis Pettygrove's name for the city prevailed in his famous coin toss with Asa Lovejoy, I am sure you will find Portland a most agreeable city. In particular I wish to tell you about the Portland Chapter of CSI, which provides its members with numerous benefits you will not find in any other construction industry organization.

It is amazing to see what has been accomplished here in Portland over the course of the past decade. The single greatest achievement may be the exceedingly high level of member participation within the Chapter. Although total membership has not expanded a great deal there is a stronger spirit to the organization and one feels that it has indeed become indispensable to its members and of genuine significance to the community at large.

The move to diverse revenue sources proved very significant. It was well known the great deal of effort that went in to producing the Products Fair, but we had no idea how much could be accomplished when those energies were applied elsewhere. Also, I believe ending the event was the only way we were ever going to free poor Cherie McNabb of the burden of staging it year-after-year! Replacing the fair with higher dues, revenues from diverse educational endeavors and our successful partnering with other prominent professional societies and a consortium of liability insurers proved pivotal. What a privilege for our collaborative effort to receive the only official recognition granted by Oregon as a provider of CEU's for continued Professional Registration for Architects and Engineers as well as the liability coverage credit extended by the insurance consortium to those attending the requisite number of educational sessions.

The transformation of the Executive Director's position was another bold move - how did we ever change the by-laws to allow that? The long-term direction provided by the Executive Director and their ability to seek out grant monies to help support our educational efforts has proved invaluable. This was the change that perhaps most enabled us to fully engage the core mission of advancing construction technology, sustaining the built environment, and inspiring careers in the construction industry.

I would say our first big step in that effort was the Reading About Building book challenge we started in '03. Through that highly successful event, which has been an annual program ever since, and has now been adopted by six other Chapters around the country, we were able to really begin inspiring people's thinking about the built environment. The partnering opportunities that opened-up from there were phenomenal as well. We have collaborated with Multnomah County Library, Architectural Foundation of Oregon and AFO's Architect's In Schools Program. We are currently working to broaden the perspective of the Program to more fully engage engineering, construction and materials science. The Reading About Building event made Portland CSI the catalyst for people's thinking about building and our total environment. Inspiring them to make their own discoveries. This was how the organization really became the indispensable resource for construction knowledge.

continued on page 3

In a previous BS Column I asked the question "Is it possible for one to get a slight shock when touching the handle of their shower?" I received a letter from one of our retired CSI members, Dick Gira who lives in Arizona. I quote some following excerpts from his letter: I have consulted several retired electrical engineers here in Sun City West and have come up with the following: The answer to the question as stated above is...it depends. If the water supply pipe is a conductor and runs uninterrupted to the faucet, it is highly unlikely that anyone would be shocked as they touch the faucet. However, we must assume the person has not picked up an electrostatic charge as they moved through their daily activities. If however, the individual is charged, then whenever they touch a conductor like the metal handle on the shower, they may experience a shock.

If the supply line leading to the tap or faucet is interrupted after entering the house and has a portion made out of an insulating material such as PVC plastic pipe, then is converted back to metal, the stage is set to build an electrostatic charge on the faucet handle. If the metallic path leading to the faucet has no path to all the free flow of built up electrons as water flows through it, the faucet can become charged and discharge whenever a neutral body (a person), comes in contact with it.

More and more homes are constructed with PVC piping while faucets continue to be made of metal. If someone has noted a problem of being shocked when they touch the faucet, it is unusual, but not

unreasonable. These unexpected shocks may frighten, but they are hardly dangerous. You may correct the problem by connecting a wire (most any size) from the metal piping leading directly to the faucet to any earth ground such as a metal conductor pipe that is buried in the earth.

Static electricity is an electrical charge at rest. It has no specific directional flow from one place to another. It is most commonly created by friction. Friction causes heat, which excites the electrons of a material and causes such rapid movement, that the electrons leaves the orbit of the atom, becoming free. As the electrons leave, the resulting absence of surplus electrons creates an electrical field known as static electricity. When someone walks across a floor, the shoes drag across the carpet or flooring and then separate the electrons from the floor or from the shoe, and a static electrical field is created. When an airplane or spacecraft moves through the air. When air moves through an air duct. When water moves through a pipe, electrons are removed from the water and move on to the pipe. There is much more technical information in Dick's letter but I believe the above information in general sums it up.

A plea from Ken: I am always asking various people including contractors, subcontractors, suppliers, and others for BS Column material and most of them state they will send me something they feel should be discussed but I seldom receive anything. I sure could use some help.

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continued from page 2

President's Message

What an exciting evolution we have been through, and it feels that only the foundation has been completed. There is a huge opportunity before us to build-up an even more remarkable organization. Ten years ago we had some 450 members, but only 60 to 100 of them were truly active and engaged. Today it is easily 3 times as many and we have wide-spread recognition in the community. Three hundred active and dynamic members! That is a resource for creating and sustaining powerful changes in this organization to the great benefit of our community and this industry and I delighted to see the enthusiasm that surrounds Portland CSI.

Can great things be achieved here for ourselves and this Chapter; certainly I believe they can. Chapter leaders will be meeting on April 26 and 27 to envision and plan our bold future. It is not too late to share your vision with us; contact the Chapter Directors, send your own letter from the future to *The Predicator*. Lets start inspiring discoveries now, and when 2012 gets here we just may have achieved astonishing things!

Warm Regards,
Jim Wilson

the CALENDAR

Portland Chapter CSI Events

Join us the second Tuesday of the month — except as noted — in the Ballroom at The Princeton Building, 614 SW 11th Avenue

2002

- Mar. 12** **Brewery Blocks**
Gerding Edlin, the company who is shaping a new downtown core with their dynamic developments, will present this exciting project. (1.5 HSW)
- Apr. 9** **The Marketing Event with SMPS**
Experts from the Society for Marketing Professional Services will again lead us in an interactive exercise to open our marketing minds. (1.5 LU)
- May 7** **Portland's Products & Services Fair**
The Oregon Convention Center is where you can attend the premier showcase of construction products, professional services and continuing education in the Northwest.
- 7:00 PM — Michael Graves, FAIA**
The American Institute of Architects' 2001 Gold Medal recipient will be our guest speaker. Two decades after the Portland Building hit our skyline, Michael Graves will share his current work, his views on architecture and the future. *Mark your calendar now* for this unique opportunity to expand your knowledge and to hear a true icon of our profession. (1.5 HSW)
- May 8** **Portland CSI and AIA Present Architecture Symposium 2002**
Don Stastny, FAIA, Principal of StastnyBrun Architects, is a leading voice for the value of architecture in the world and the local community. He will host an expert panel including **Michael Graves, FAIA**, and **Robert Campbell, FAIA**, architecture critic for the Boston Globe. (2 HSW)
- June 11** **Jobsite Tour & Chapter Awards**
Gerding Edlin & Hoffman Construction will be our host for this project. (1.5 HSW)

Region & National CSI Events

May 23-26 Conference 2002

Banff, Alberta Canada

Joint CSI NW Region and CSC National Conference. Plan now to attend!

June 27-30 The CSI Show 2002

**46th Annual Convention & Exhibit
Las Vegas, NV - Convention Center**

For further information about these events, please call the CSI office: 503-297-2162.

Other Events

Mar-Apr. AIA Spring Lecture Series

The following three events cost \$10 each, run 7pm - 9pm on the noted dates and are held at The First Congregational Church, Portland

Please call for more information at 503-223-8757

Mar. 15 Lyrical Mechanisms

Peter Cook

Chairman of Bartlett School of Architecture

Apr. 17 Recent Work

Eric Owen Moss

Eric Owen Moss Architects

Apr. 30 Preserving Modern Landscape Architecture

Charles Birnbaum

*Coordinator of Historic Landscape Initiative,
National Park Service*

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group

•Randy Tessman 503-318-8046

(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group

•Michael Madias 503-224-6767

(meets every other Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predicator*, Dianne Kuykendall (503) 631-3782.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

portland products and services fair



Michael Graves, FAIA
Keynote Speaker for the
May 7, 2002 Products and Services Fair



The 2001 AIA Gold Medalist, 1999 National Medal of Arts recipient, and internationally renowned architect of such award winning buildings as The Portland Public Services Building 1982, The Newark Museum 1992, Washington Monument Restoration 1998, and The Denver Central Library 1998, Mr. Graves will present his firm's recent work and projects currently in development. Over 140 awards and citations have been presented to Mr. Graves for such diverse design work as architecture, consumer products, furniture, industrial design and exhibitions. This evening promises a rare opportunity to hear from one of the profession's most celebrated designers. Seven books have been published on his work with *The Master Architect Series III: Michael Graves, Selected and Current Works* (1999) the most recent. Mr. Graves appearance as keynote speaker continues a Products Fair tradition of featuring nationally and internationally renowned practitioners. Additionally, he will participate in a major symposium the following day, May 8 in observance of the 20th anniversary year of the Portland Building dedication, which catapulted his architecture to international prominence when it was designed in 1980 and received an AIA National Honor Award in 1983. Many Portlanders' knowledge of Michael Graves work begins and ends with the Portland Building. I invite them especially, to join us on May 7, and see how extensive the range of Michael Graves' work is, and gain perspective on the vitality of his design work. From historical dialectics to a delightful whimsy there are many facets to the work of this distinguished architect and designer - come and see for yourself!

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TUESDAY, MAY 7, 2002 - 2:00PM - 8:00PM OREGON CONVENTION CENTER

1/2 hour MINI SEMINARS

Once again we offer to you in coordination with the 2002 Products and Services Fair a series of mini-seminars to be held on the exhibit floor. We are setting up two 10' x 20' areas, with seating, easel, screen and display table. These spaces will be available for a 30 to 60 minute mini-seminar, allowing a 10 minute changeover for the next seminar.

These mini-seminars will be listed on a schedule distributed in advanced so attendees will know which seminars are being given and their time slot. There will be an opportunity for up to 14 mini seminar slots. We will be using the booths on the exhibit hall. Exhibitors will be signed up on a first come topic basis. A cost for a half hour mini seminar is \$200.00. A one hour mini-seminar is \$300.00. The seminar must be certified for learning units for the attendees of the fair.

Many national companies have these seminar packages pre-designed and approved for use at the national AIA conventions. For more information, and the continuing education application form, please contact John Lape at 503-243-2837. For information on availability of seminar space, please contact Cherie McNabb at 360-575-7854. fax: 360-571-8834

The selection committee will schedule time slots and will contact you before May 7th with your seminar time. We look forward to seeing you at the show!

Approximate time slots

Seminar Booth # 8

2:00-2:30
2:45-3:15
3:30-4:00
4:15-4:45
5:00-5:30
5:45-6:15
6:30-7:00

Seminar Booth # 9

2:00-2:30
2:45-3:15
3:30-4:00
4:15-4:45
5:00-5:30
5:45-6:15
6:30-7:00

the NEWS FROM THE INSTITUTE

Bush Proposes Cuts for Many Construction Programs in 2003 Budget

President Bush's fiscal 2003 budget plan calls for reductions in most major federal construction accounts. Particularly hard hit by the proposed cuts would be highways and prisons. However, his budget does include some increases in construction in the following areas: airport grants, transit, Defense Department, family housing, and General Services Administration new projects, repairs, and alterations.

The federal-aid highway program would serve to lose 29 percent of its budget (or \$9 billion) from fiscal year 2002; Bush seeks just \$23.5 billion in total obligations for fiscal year 2003. However, lobbyists and transportation officials are pushing for that cut to be undone by tapping the balance in the Highway Trust Fund. And the Bureau of Prisons facilities would lose 51 percent of its budget from fiscal year 2002 (or \$417 million) if Bush's proposal passes.

Though past presidential budgets have proposed cuts in construction, congressional appropriators were typically able to ease or overturn such reductions from occurring. Because of this country's deficit and Bush's proposal to increase defense spending, appropriators may not have as much room to negotiate this year. "The budget for 2003 recognizes the new realities confronting our nation and funds the war against terrorism and the defense of our homeland," Bush said.
—Information from www.enr.com, February 4, 2002.

The CSI Show(tm) 2002 Offers an Extra Day of Continuing Education

Convention attendees who sign up for The CSI Show's complete registration package will receive even more opportunities to earn continuing education units (CEUs)

this June. In the past, educational opportunities on the Wednesday kicking off convention were considered preconvention programming, and thus, cost extra. This year, a full slate of sessions is being offered on Wednesday, June 26 at no additional charge, so you essentially get an extra day of education free.

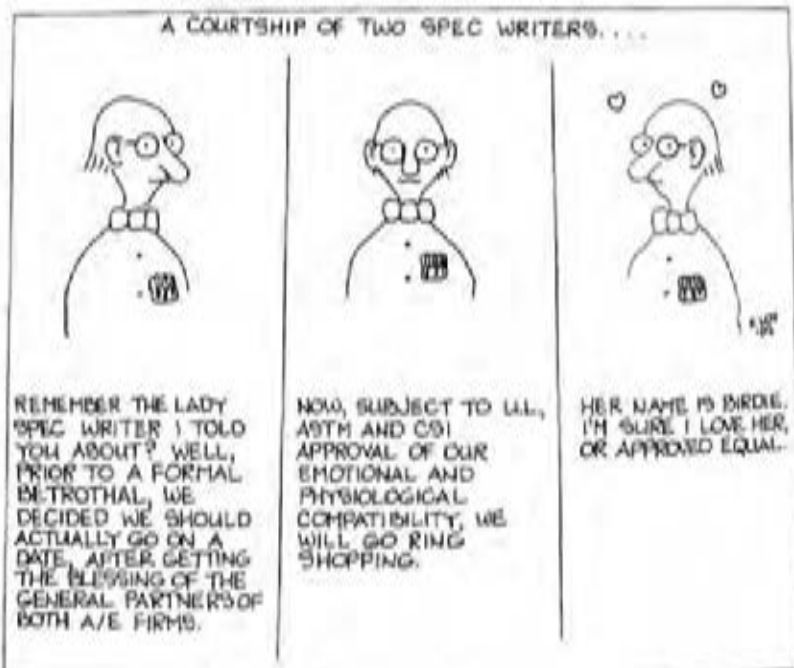
Wednesday sessions include:

- Learning from Forensics;
- "Who Moved My Cheese?";
- Color Impact in the Built Environment;
- Cold-Formed Steel-What's New; and
- Integration of Sound, Lighting, and Video in Large Venues.

Visit The CSI Show's Website: www.thecsisshow.com for a complete course listing with detailed descriptions. Reserve your spot today and take advantage of the 60-plus educational sessions, which will allow you to earn enough CEUs to maintain your annual licensure, certification, and membership credentials.

the real world

By Ed Loy, CSI, CDT



THE CONSTRUCTION SPECIFICATION INSTITUTE'S ANNUAL GOLF TOURNAMENT



FRIDAY, AUGUST 9, 2002

Location: Red Tail Golf Course (Beaverton, OR)
Registration starts: 10:30am
Shot Gun Start: 12:00pm



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February 14, SSG Topic: Tour of Hanset Stainless, Inc.

Steel. Cold steel. Cold stainless steel. Lots of cold stainless steel. Over a million pounds in an average year. That's how much stainless steel is processed by Hanset according to Mark Reeves, the company manager that led 14 SSG members on the tour. On the way through the plant the metal is sliced, cut, punched, deburred, bent, rolled, notched, welded, ground, sanded or buffed and sent on its way. The various fabrications get installed in hospitals, food processing operations, courthouses, airports and houses and lots of other destinations.

For all that material and the diverse steps in fabrication the shop was surprisingly small and, as Mark frequently reminded us during the tour, clean. As he put it "Safety is number One," and "A safe shop is a clean shop." We were duly impressed as he paraded us past and around the various special machines and layout areas. Each phase of fabrication seemed to blend into the next with enough room to move the materials around without any wasted space. Surplus materials were neatly sorted and stacked around the perimeter of each main workroom.

The machines run the entire range from rudimentary handmade jigs for buffing pipe to high-tech laser cutters. Tim the Tool Man Taylor would have had a ball (if he could ever get past Mark Reeves). The laser machine cuts through thick plates with a slice no wider than the diameter of a human hair. If one specialized press does not stay clean, the "dust bunnies" will "telegraph" through to the opposite face of the steel sheet!

Keeping track of all the materials is critical. On long lead but firm orders Hanset buys materials early and holds them on racks until production begins. In addition to sheets, there are pipes and tubes as well as plate and bar stock. And besides stainless they also make things out of copper, bronze, Muntz and aluminum. Stainless steel is made with different properties for different applications. The two more common varieties (304 and 316) are different enough that mixing them up in a fabrication plant can lead to some big problems in the field. The rub is that you can't tell them apart by looking at them. So Hanset takes extra precautions to keep everything clearly

labeled and takes no chances if there are any doubts.

Architects care a lot about the appearance of the final surface of the stainless steel. Mark said that people in his business were paid to "professionally scratch" steel. And, sure enough, a good share of the machines and hand tools were specifically related to buffing and scratching metals. He was particularly proud of a new acquisition that looked like a cross between a big wood planer and an MRI. It allowed the operator to feed the raw sheet material and, presto!, out the other side comes the sheet with a perfectly uniform pre-selected finish #4 or whatever was desired. This accomplished a result in five minutes that would have taken hours by hand.



We want to thank Mark and Hanset for their hospitality, including the pizza and pop at the end of the tour.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Upcoming topics include: the proper application of sealants; spec-writing resources on the internet; and insulation and fire-proofing. 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 Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

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the MINUTES

PORTLAND CHAPTER, CSI BOARD OF DIRECTORS MEETING January 8, 2002

CALL TO ORDER: The meeting was called to order by President Jim Wilson at 4:21 P.M. at the Princeton Building, prior to Security and Architecture program meeting.

PRESENT: Doug Allen, Curt Austin, Joe Bolkovatz, Denise Carpenter, Inge Carstanjen, Cherie McNabb, Bruce Townsend, Jody Moore, and Jim Wilson

ABSENT: Margaret Kehrl, Robert Schroeder

ALSO PRESENT: John Lape

1. TASK TEAM REPORT:

Long Range Planning - Curt Austin presented dates in April to schedule the Long Range Planning conference with Bud Crouch.

Jim Wilson clarified CSI National's financial participation for hosting Bud Crouch would be \$3000 plus Bud's airfare and accommodations.

Joe Bolkovatz will investigate facilities and menu options for the conference once dates are finalized.

A few people outside of the board would be invited to gain an outside of CSI perspective and maximize the potential experience of the conference. Perry White, Doug Winn, Lynn Garrett, Ron Eakin, Nancy Wertz, and an economist suggested by Curt, were offered as possible candidates.

Bud requested some prep info about the chapter, easels, and props.

2. COMMITTEE REPORT:

Review and evaluation of progress of the goals from the Summer Planning Session was conducted. Denise asked for help and guidance with publications committee, slogans, logos, etc. that are already developed. Discussed that the chapter should continue to target a wider range of the construction community to attract to CSI membership and programs. Suggested the publications committee use existing National CSI promotional data / flyers, write articles for local newspapers, and request additional membership participation for committee at dinner meetings.

Products and Services Fair, planning meeting scheduled for January 21, 2002. Programs committee would help with the Project Gallery. Education Committee would organize a CSI Seminar. IIDA has not yet submitted a seminar program for the fair. Denise, Jody, Jim, Cherie, and Curt will develop a guide for compensating organizations that participate in the Portland CSI Products and Services Fair.

Awards: Chapter Commendation Award Nomination was voted and approved. The Predicator will be submitted for a Publication Award. Applications are due by February, 1 2002.

Scholarship Award, PCC and PSU, \$1000, only one in to date. Jim Wilson to contact Randy and Igo for update on Student Affairs.

3. CSI LIASONS' REPORT:

Jim Wilson attended part of IIDA's BOD meeting to find out extent of IIDA participation in PPSF for 2002. Jim reported that we need to cultivate collaborative relationship with IIDA.

4. FINANCIAL REPORT:

- The financial report was presented to the BOD.
- Noticed no raffles for Student Affairs Program had been administered this year.
- The financial report noted there was more income from booth sales for PPSF by this time last year.
- Programs Committee budget is off due to a couple issues, sound and audiovisual support for meetings and cost associated with Architecture Week program with David Lee.
- Suggested the deadline to cut back size of lease space at Convention Center for PPSF should be determined, in the event the condition of the economy affects our booth sales.

5. CORRESPONDENCE AND THE WORLD:

Jim announced dates for two conference call programs. Membership hosted at Ankrom Moisan by Rick Heiserman. The other one on MasterFormat, participate individually, interested parties should contact Jim for access codes.

6. DECEMBER BOD MINUTES:

December 4, 2001 Board Meeting Minutes were read. There was a motion, a second, and the minutes were approved.

ADJOURNMENT: 5:40 P.M.

Respectfully Submitted,
Doug Allen, Director Industry

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Blitzer, Diane C., RA, CSI, CCS
Blodgett, Keith V., CSI, CCPR
Burlingham, John S., CSI
Dicker, Scott, CSI, CDT
Forland, Gunnar, CSI, CDT
Grady, James A., CSI
Haluschak, Jr., Nicholas, CSI
Hoffman, Robert B., CSI, CCS, CCA
Holtshult, Dar, CSI
Kirsch, Jeff, CSI
Knott, J., CSI
Lander, Charles L., CSI, CDT
Leach, Douglas W., CSI
Lebo, Thomas R., CSI, CDT
Madison, Gary R., CSI
Simmons, Robert Wayne, CSI
Smith, Ken, CSI, AHC
Sullivan, James M., CSI
Suman, Walt, CSI, CDT
Thielen, David L., CSI, CDT
Townsend, Bruce L., CSI
Wobber, Stephen, CSI, CDT

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kuykendall@ccwebster.net or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

**PORTLAND CHAPTER
Advertising Opportunities**

BUSINESS CARD ADS: Only \$75 per issue or even better \$500 for the year (11 issues).
INSERTS: Member Price - \$ 250 (Non-Members \$300 or join and \$50 will be deducted from your membership fee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) All advertisements must be approved by the Editor.

THE PREDICATOR STAFF

Editor: Dianne Kuykendall,
Kuykendall Marketing Services
Photography: Randy Tessman
Printer: Echo Printing

perky's notes

By Perky Kilbourn, CSI

Thanks to a volunteer, we may have a place for the CSI Library. Details to follow.

Mary Alice Hutchins participated in a book signing at Terwilliger Plaza on February 14, 2002. We now should be able to provide two scholarships this spring.

U of O female architecture students should apply. If you know of any possible candidates, please let them know.



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the CONTACTS

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Education	Jim Wilson, CSI, CCS, AIA.....503-222-1917
Continuing Education	John Lape, FCSI, CCS, AIA.....503-243-2837
Finance	John Lape, FCSI, CCS, AIA.....503-243-2837
Golf Tournament — Co-Chairs	John Armstrong, CSI.....503-579-2477 Erica Bitterman, CSI.....503-274-2030

Library	Perky Kilbourn, CSI.....503-222-5279
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 and Services Fair — Co-Chairs	Comelia Gibson, CSI, CDT (Attendees).....503-624-7444 Cherie McNabb, CSI, CDT (Vendors).....360-600-8444
Programs — Co-Chairs	Jody Moore, CSI, CDT.....503-284-6799 Doug Allen, CSI.....360-260-1737
Publicity	Dianne Kuykendall, CSI.....503-631-3782
Specifiers Share Group & Technical	Michael Madias, CSI, CCS.....503-224-6767 David Shelman, CSI, CCS.....503-227-1254
Student Affairs — Co-Chairs	Randy Tessman, CSI.....503-318-8046 Igo Jurgens, CSI, AIA.....503-223-0992
Student Affiliate	Sarah Lynn Garrett, CSI.....503-252-7806
Webmaster	Rick Heiserman, CSI, CDT, AIA.....503-892-1321

Portland Website
www.portlandcsi.org

INSTITUTE DIRECTORS

2000-2002	Bob Kenworthy, CSI, CCS, CCCA Tel: 253-931-4826 fax: 253-804-4502 e-mail: bkenworthy@mx.auburn.wednet.edu Auburn School District #408 915 4th Street NE Auburn, WA 98002-4499
2001-2003	Jeff Callahan, CSI, CCCA Tel: 907-786-6425 fax: 907-786-6444 e-mail: afjcc1@uaa.alaska.edu University of Alaska Anchorage PO Box 104882 Anchorage, AK 99510

Region Website
www.csinwr.org

REGION COMMITTEES

Academic Affairs	Ed Storer, CSI, CCS.....206-223-5052
Archives	Bob Hesseltine, CSI, CCS.....503-765-0374
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Membership	Lee Kilbourn, FCSI, CCS, FAIA.....503-417-4400
Newsletter/Website Editor	Inge Carstanjen, CSI, CDT.....503-297-2162
Newsletter Publisher	Sheila Kenworthy.....253-565-1797
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Region Trustee	Larry Barger, CSI, CCS.....360-943-4650
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Technical	Jim Adkins, CSI, CCS.....206-634-0570
Webmaster	Rand New, CSI, CDT.....541-688-5594

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)	Colin Maynard, CSI.....907-274-2236
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
Idaho, Boise, ID (First Tuesday)	Bob Kell, CSI.....208-938-1401

THE PREDICATOR

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March 2002

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Telephone: _____ Fax: _____

Guest(s): _____

Payment Method: Check Visa MasterCard

Amount: _____
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Student: _____ (No Charge)

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Cardholder Address: _____
(complete billing address, including zip code required)

Card Number: _____ Expires: _____

Authorized Signature: _____

Date: March 12, 2002, Tuesday

Time: 5:30pm Meet Your Colleagues
6:30pm Dinner catered by Jake's
7:30pm Presentation

Location: Princeton Building - Ballroom,
614 S.W. Eleventh

Special event price: table of 8 for just \$210!

**Fax your reservation no later than
Mar. 8, 2002 by 5:00pm to (503) 297-3183.**

Checks should be mailed to: CSI, 9578 SW
Morrison St., Portland, OR 97225.
If you have a question, call the CSI Portland
Chapter office at 503-297-2162.



the

PREDICATOR

improving the process of creating and sustaining the built environment

GOT MARKETING?

Tuesday, April 9, 2002

By Doug Allen, CSI

Everyone can use a little more "Marketing" in his or her continually expanding arsenal of skills. Development of these fundamental skills is vital to keeping clients and winning more work in our diversifying construction market.

Join us for a Marketing Perspective that takes two paths this April 9th.

Steven M. Bragg, AIA, CSI, Vice President and Project Architect for Carlson Veit Architects will challenge us to take risks to obtain our goals! Our speaker will discuss what he has done to obtain his goals and how he has marketed his talents. He will give us concepts and ideas for achieving success.

In another direction, **Jay Olson**, Marketing Manager, CBG Consulting Engineers, will focus on the fundamental element of quality in the delivery of services and how quality provides a true competitive advantage. "The heart of services marketing is less the slick and the fancy and more about a common sense approach to being customer-oriented."

The Society for Marketing Professional Services (SMPS) is committed to being the premier resource for education and information about marketing professional services in both built and natural environments. The Oregon Chapter of SMPS, which currently includes more than 150 members, is focused on enhancing the marketing and management ability of its members who are marketing professional A/E/C services to secure profitable work for their firms through education, networking and resources.



SMPS

Oregon

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VOLUME 41, No. 9

Portland Chapter CSI
Monthly Newsletter



Princeton Building Ballroom
614 S.W. Eleventh

5:30pm Meet Your Colleagues
6:30pm Dinner catered by Jake's
7:30-9:00pm Presentation

Cost: \$30.00 per person, Sponsor a table for 8, just \$210!
Register now! Please see the back page for registration.

president's message

By Jim Wilson, CSI, CCS, AIA



The Triumph of the Materialists!

In January's *The Predicator* I wrote that what is built is often proved to be of less significance than what it was built with. Good design is indispensable to distinguished architecture, but it does not necessarily ensure durability. Durability depends upon the materials used as much as the design in which they are employed.

The prominent prewar WWI buildings of Portland are not so distinct from those in many other American cities. However, the high quality materials of glazed brick and terra cotta of which many were built lent a harmonious cast to the City that distinguished her among her peers and gave Portland a dignity not achieved elsewhere. By contrast, a number of downtown buildings erected in the past decade have been decried for wide use of materials perceived to be lacking in quality and durability.

2

John Ruskin, the 19th Century English intellectual remains one of the most compelling advocates of durability. Ruskin believed that we cannot remember without Architecture, "...there are but two strong conquerors of the forgetfulness of men, Poetry and Architecture; and the latter in some sort includes the former, and is mightier in its reality." Ruskin's high expectations for architecture have inspired many. The source of Ruskin's claim of historical authenticity is that these are the very materials wrought by the hands of our forebearers, and these are the buildings that inspired their thoughts and sheltered their lives. As the most significant monuments of the past Ruskin pleaded for durable buildings thoughtfully constructed. In *The Lamp of Memory* (one of his Seven Lamps of Architecture) appears his most famous maxim, "Therefore, when we build, let us think that we build for ever. For, indeed, the greatest glory of a building is not in its stones, or in its gold. Its glory is in its Age, ...which we feel in walls that have long been washed by the passing waves of humanity."

Who better among us in construction today to ensure durability in our building than the Materialists of CSI? It is the role of the Materialists to lead us forward by exploring how we use materials in building. What we

think about those materials, and how we might think differently of them. Glass is a material we are all familiar with. It was the material that inspired the revolution of International Style architecture, but we have not seen much innovation it is use since. Recently however, glass has been used to do new things, warped Eric Owen Moss canopies and soaring Raphael Vignoly cantilevers. As builders have sought to do more with glass and move beyond convention it has been discovered that the structural limitations of glass are impurities within it. Pure glass would be stronger than concrete. There is a new glass architecture and we are beginning to discover it. There are many new architectures out there waiting to be discovered through the knowledgeable use of materials by those who will challenge the conventional perception of them.

Want to improve the process of creating and sustaining the built environment? Change the way people see the materials we build with. Whether you are a manufacturer's representative, a designer, a fabricator or constructor you help shape our Material Values. Whether the material is glass, EIFS, stone, carpet, or steel. Know thyself? Know this material whether you are selling it, using it or just captivated by it - or perhaps repulsed by it. Don't like plastic, hate EIFS? Maybe it is the way you have seen these materials used that raises your ire. Great, one more job for me when I can not even return my e-mail on the same day it arrives.

There is an excellent opportunity to enhance your own material values coming soon. Only a short trip to the Oregon Convention Center is required for you to attend the Portland Construction Products and Services Fair, on May 7. Take full advantage of this event if you want to learn more about the materials we build with, and challenge others to help you develop your knowledge. One day at a fair can't influence your understanding of aluminum windows? How can your understanding ever evolve without your actively engaging such opportunities?

Attend the Fair, become an advocate for Material Values. Show others that "materialists" are indispensable to building for ever with meaning and value and along the way you may find an architectural answer to Robert Kennedy's splendid challenge, "Some see things as they are and ask why? I dream things that never were and ask, 'Why not?'"

What makes life 100%? A friend of mine says Hardwork gets 98%, Knowledge gets 96%, Attitude gets 100%, and BS gets 103%. So, it stands to reason that Hardwork and Knowledge will get you close, Attitude will get you there, but BS will put you over the top. I asked him what that had to do with me and he said with 278 published BS Columns I was the king of BS and should receive the BS Hall of Fame Award. Sounds to me he has been hitting the bottle. Years ago my employer and my wife chose the title BS by KS. I added the words, "Basic Specs" to give my column some credibility. HA! Frankly, I never thought I would ever get up to 278 columns. I guess I would rate them at 10 percent not so good, 80 percent good and 10 percent very good.

If any of you folks out there would like a copy of a seven page article I wrote with the help of Paul Edlund and others entitled: "CONSTRUCTION SPECIFICATIONS WRITING SUGGESTIONS" contact me at Tel/Fax: 1-503-362-3472 or Email: ksearl@netzero.net. I think you will find this article interesting.

In a previous issue of my BS Column I discussed adding 10000 at the top of your address book and it would prevent a virus from using your address book to send out a virus to each one listed. Well it sounded great and I did place it at top of my address book. I have been informed by Dale Kuykendall one of our CSI Portland Chapter members that this will not stop a virus. He forwarded the following information: Apparently some of the earliest of these types of viruses would simply do a "send all" command for the address book. However, subsequent viruses simply pick Email addresses at random - whether from the address book or the Email messages themselves, including the sent mail most of us keep around for a while.

Most important, don't forget the mass Email messages themselves is only one part of a worm's payload. Damage to your computer's files and operating system usually follow. If you want to create a bogus address, it won't hurt anything, but don't think it will protect you from viruses. There is no substitute for good anti-virus software and regular virus definition up-

dates. Also, don't open attachments you aren't expecting. If in doubt also call the person who sent it and ask if the attachment is OK. Also determine if this person is someone you know and feel they are trustworthy.

One last item. I visit Plan Centers and look for various items. For a long time now ASTM, ACI and others have discontinued requiring a 2 inch sand cushion fill over a vapor retarder at slabs on grade to receive floor covering. At Plan Centers I keep seeing some specifications with a sand cushion requirement. With new stringent moisture testing requirements one sure doesn't want a sand fill which holds moisture. I questioned some of these specifications and was told in some cases it was the Engineers requirement. Well, you engineers better discontinue this requirement.



COLLECTIONS

SPRING LECTURE SERIES 2002

Produced by AIA/Portland, AIA/CSU, Frank Lloyd Wright Center/CSU, PSU & the University of Oregon

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the CALENDAR

Portland Chapter CSI Events

Join us the second Tuesday of the month — except as noted — in the Ballroom at The Princeton Building, 614 SW 11th Avenue

2002

Apr. 9 **The Marketing Event with SMPS**
Experts from the Society for Marketing Professional Services will again lead us in an interactive exercise to open our marketing minds. (1.5 LU)

May 7 **Portland's Products & Services Fair**
The Oregon Convention Center is where you can attend the premier showcase of construction products, professional services and continuing education in the Northwest.

7:00 PM — Michael Graves, FAIA
The American Institute of Architects' 2001 Gold Medal recipient will be our guest speaker. Two decades after the Portland Building hit our skyline, Michael Graves will share his current work, his views on architecture and the future. *Mark your calendar now* for this unique opportunity to expand your knowledge and to hear a true icon of our profession. (1.5 HSW)

June 11 **Jobsite Tour & Chapter Awards**
Gerding Edlin & Hoffman Construction will be our host for this project. (1.5 HSW)

Region & National CSI Events

May 23-25 **Conference 2002**
Banff, Alberta Canada
Joint CSI NW Region and CSC National Conference. Plan now to attend!

June 27-30 **The CSI Show 2002**
46th Annual Convention & Exhibit
Las Vegas, NV - Convention Center

For further information about these events, please call the CSI office: 503-297-2162.

Other Events

Mar.-Apr. AIA Spring Lecture Series

The following three events cost \$10 each, run 7pm - 9pm on the noted dates and are held at The First Congregational Church, Portland

Please call for more information at 503-223-8757

Mar. 15 **Lyrical Mechanisms**
Peter Cook
Chairman of Bartlett School of Architecture

Apr. 17 **Recent Work**
Eric Owen Moss
Eric Owen Moss Architects

Apr. 30 **Preserving Modern Landscape Architecture**
Charles Birnbaum
Coordinator of Historic Landscape Initiative, National Park Service

Apr. 23 **Moisture Protection of Masonry & Concrete**
Embassy Suites Washington Square
See page 5

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 503-318-8046
(meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767
(meets every 2nd and 4th Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predictor*, Dianne Kuykendall (503) 631-3782.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for licensed architects and engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

the ANNOUNCEMENTS

MOISTURE PROTECTION OF MASONRY & CONCRETE

APRIL 23, 2002 – 8:00-5:00

EMBASSY SUITES WASHINGTON SQUARE

The Oregon Chapter of the American Concrete Institute is presenting a seminar on moisture protection of masonry and concrete. Eight presenters will discuss protection of building elements including foundations, walls, slabs-on-grade, and roofs. The discussions will cover emulsions, membranes, sealers, flashing, and caulking, including warranties, guarantees, and life expectancy.

Attend and ask questions from experts in the field of moisture protection.

Cost of the seminar is \$120 if pre-registered, and \$140 at the door. Lunch will be provided. Space is limited to 90 attendees. CEU's are being offered for attendance. Contact Jane Phifer, OACI at (503) 399-7312 or oaci@teleport.com with questions or to make reservations.

PROJECT GALLERY

On Tuesday, May 7, 2002 our Portland Chapter of the Construction Specifications

Institute (CSI) will be presenting the annual Portland Products and Services Fair. As in the past few years the event will be held at the Convention Center where hundreds of vendors will showcase their latest products.

Did you know, though, that **ARCHITECTS, DESIGNERS, CONTRACTORS** and **SCHOOLS** could exhibit a project of their choice in a 10' by 10' booth free of charge? From past experience, the Products Fair can boast attendance of not only architects, designers and contractors but also building owners, facility managers, code officials and school administrators. For example, IFMA (International Facilities Management Association) is one of the participating organizations. Please pass this information on to your marketing department. This is a great opportunity to feature your firm's outstanding project(s). A "People's Choice Award" is planned for the winning display. For more information please call Cornelia Gibson at 503-624-7444 or Carolyn Miller at 503-260-7744, e-mail cdmiller@teleport.com.



ARCHITECTS & SPEC WRITERS!

Be sure to ask your product reps and vendors to present their products at this year's Products and Services Fair.

THANKS!



Michael Graves, FAIA
Keynote Speaker for the
May 7, 2002 Products and Services Fair

Michael Graves has been in the forefront of architectural design since he began his practice in Princeton, New Jersey in 1964. He has taught at Princeton University since 1962 where he is The Schirmer Professor of Architecture. Graves is an influential theorist and a diverse and prolific designer whose work has influenced the transformation of urban architecture from the abstraction of commercial modernism toward more contextual responses.

His 100-person firm, Michael Graves & Associates, provides architecture, interior design, product design, and graphic design services. Their architectural work encompasses large-scale mixed-use projects, commercial, civic and cultural facilities, hotels and resorts, entertainment and retail enterprises; apartment buildings, and single-family residences. The firm often provides custom-designed furnishings to complement their buildings. Among MGA's many significant projects for cultural and educational institutions have been the Denver Central Library; Riverbend, the summer home of the Cincinnati Symphony Orchestra; the Clark County Library and Theater in Las Vegas; The Newark Museum in New Jersey; Emory University's Museum of Art and Archaeology; the O'Reilly Theater in Pittsburgh; and the recently opened, NCAA 2000 Hall of Champions in Indianapolis. Other recent projects include the headquarters of the Ministry of Culture in The Hague, and the World Bank Group's International Finance Corporation headquarters in Washington D.C. where MGA is currently designing the expansion and renovation of the U.S. Courthouse on Pennsylvania Avenue just below the Capitol.

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Graves describes himself as, "a general practitioner," designing, in addition to architecture and interiors, a wide range of furnishings and artifacts, from furniture and lighting fixtures to jewelry and dinnerware, for companies such as Alessi, Steuben, and Disney, Phillips Electronics and Black & Decker. As well as his widely recognized work with Target Stores bringing his signature style of product design to a larger public. For the German partnership of Duravit, Dornbracht and Hoesch, he has created "Dreamscape," a bath fixtures and fittings collection, and for the Italian hardware manufacturer Valli & Valli, a series of door handles in various metals.

Over 140 awards and citations have been given to Graves for his designs, including fifteen *Progressive Architecture* awards, ten American Institute of Architects National Honor Awards, along with over 50 design awards from the AIA-New Jersey, including a career achievement award. In 1999, Graves was presented with the National Medal of Arts by the President of the United States. Graves' work appears in many periodicals and books, including *Michael Graves: Buildings and Projects 1966-1981* (Rizzoli, 1983); *Michael Graves: Buildings and Projects 1982-1989* (Princeton Architectural Press, 1990); *Michael Graves Design Monograph* (Ernst & Sohn, 1994); *Michael Graves: Buildings and Projects 1990-1994* (Rizzoli, 1995); and *The Master Architect Series III: Michael Graves: Selected and Current Works* (Images Publishing, 1999).

Attention
Products/Manufacturing Reps, Vendors!!!

The Portland Products and Services Fair offers a terrific opportunity to present your products and their applications to design professionals who attend the Products Fair. In addition to displaying in one of the booths you can choose to present a "One-hour Mini-Seminar" during the products fair. The seminar is required to be AIA certified for Learning Units. (For more information about AIA Learning Units please call John Lape at 503-243-2837). Should this marketing opportunity be of interest to you, please call Cornelia Gibson 503-624-7444, or Cherie McNabb 360-573-7834 for more information on how to reserve a time slot.

THE CONSTRUCTION SPECIFICATION INSTITUTE'S ANNUAL GOLF TOURNAMENT



FRIDAY, AUGUST 9, 2002

Location: Red Tail Golf Course (Beaverton, OR)
Registration starts: 10:30am
Shot Gun Start: 12:00pm



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Specifications Coordination

In December of last year I was invited to attend a daylong seminar on Document Quality sponsored by Baugh Construction. The presenter was Bill Nigro, president of REDICHECK, a firm specializing in construction document review. In addition to document checking, which is done primarily for large institutional Owners, Bill also does this seminar several times a year in which he presents common document deficiencies and how to avoid them. While much of the focus was on drawing coordination, he also covered some specification problem areas. Following is a summary of some the specifications related issues he covered.

Alternates Bid Items

Does the alternate description give a thorough explanation of the scope of the Alternate work? Does the description have a clear correspondence with the information provided in the Drawings? Has the Owner's intention as to the basis on which the Bid will be awarded — with or without selected alternates — been made clear?

Phasing

If the project, due to Owner or specific site constraints, requires phasing of the construction, have the phasing assumptions been made clear in the documents? The Contractor must know, when bidding the work, if there are any restrictions on their freedom to schedule the work or work sequence. Mobilization and demobilization for various parts of the work is a cost factor for the Contractor. So it the phasing necessitates multiple mobilization/demobilization sequences — even for a particular subcontractor — this information must be made known in the documents. This usually includes both Specifications and Drawings.

Coordination of Finish Materials

A good way to crosscheck documents is to compare the Finish Schedule with the Spec's Table of Contents. This helps assure that all materials have been specified. This coordination can sometimes reveal gaps in one document or the other, as well as in the Drawings.

Equipment Motor Size/Power Coordination

Depending on the location of the information this issue may be confined to the Drawings. But it is not uncommon for a mechanical equipment or appliance motor requiring particular voltage to have something else provided by Electrical.

"As Indicated"

Verify that when the "as indicated" is used in the Specifications that the item is, in fact, included in the Drawings! The same principle applies in reverse when "as specified"—generally not a good practice — shows up in the Drawings.



Match Table of Contents to Actual Contents

A cross check to verify that each Section listed has a corresponding Section bound in. Also check any lists of "Related" or "Referenced" sections to be sure they exist.

Material Thicknesses

Material thicknesses are shown in the Drawings for some items and in the Specifications for others. It is possible for them to show up in both places. This coordination must be given careful attention to avoid contradictory information. Since the general rule that dimensional information should be in the Drawings, the Specification writer is in a good position to coordinate when, for whatever reason dimensions are stated in the specs. Avoid repeating this information in both places.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Upcoming topics include: the Protective Coatings for Exterior Ferrous Metals and Revised Window Standards. 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 to either Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

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the MINUTES

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
February 5, 2002

CALL TO ORDER: The meeting was called to order by President Jim Wilson at 12:08 P.M. at the Portland Chapter AIA Conference Room.

PRESENT: Curt Austin, Denise Carpenter, Inge Carstanjen, Margaret Kehrli, Cherie McNabb, Bruce Townsend, and Jim Wilson

ABSENT: Doug Allen, Joe Bolkovatz, Jody Moore and Robert Schroeder

ALSO PRESENT: Lee Kilbourn and Rick Heiserman

1. TASK TEAM REPORT:

- Long Range Planning - The Long Range Planning is scheduled for April 26, and April 27, 2002. Bud Crouch will be our facilitator for the meeting. All BOD members are expected to attend.
- The Long Range Task Team will meet in late February to make preparations for the long Range planning meeting in April 2002.

2. COMMITTEE REPORT:

- Products and Services Fair: The fair will be held May 7, 2002 at the Oregon Convention Center. Cherie McNabb reported on that 50 booths have been sold and two projects have been submitted for inclusion in the Project Gallery. Student help will have an advance meeting. Mini-seminars and programs are planned. The keynote speaker at the Products Fair, in conjunction with AIA's Spring Lecture Series, is Michael Graves.
- Education Committee: Rick Heiserman, Region Education Chairman, indicated that for the benefit of the chapters and regions, an idea of chapters assembling information on speakers has been put forward. Rick reported that four applications have been received for CSI's scholarship. One applicant attends Clackamas Community College and three applicants attend Portland State University.
- Programs Committee - The February meeting is titled "Secure Facility Design". Our March meeting is a presentation by Gerding Edlin on the Brewery Blocks. This is in preparation for our June dinner meeting that includes a tour of the Brewery Blocks.

April dinner meeting is a Marketing event with Society for Marketing Professional Services.

3. CSI LIASONS' REPORT:

The following reports were presented:

- American Council of Engineering Companies of Oregon (ACEC) - Margaret Kehrli reported that the organization has changed their name from American Consulting Engineers Council to American Council of Engineering Companies of Oregon. ACEC's web address is www.ceco.org. Their president is Don Kliewer of URS Corporation in Bend Oregon (541) 389-4091. Professional Engineers of Oregon will sponsor tours and the National Engineers Week Student Banquet on February 20, 2002 at Double Tree, Jantzen Beach.
- Associated General Contractors (AGC) - Jim Hirte (past president of Portland Chapter of CSI) has been elected president of Oregon Columbia Chapter of AGC.

4. FINANCIAL REPORT:

- The financial report was presented to the BOD.
- The report reflects higher dinner meeting program costs, current income lower than previous income from the Products and Services Fair at this point, and lower than expected education and seminar income.

5. JANUARY BOD MINUTES:

January 8, 2002 Board Meeting Minutes were read. There was a motion, a second, and the minutes were approved as amended (MSP).

ADJOURNMENT: 1:12 P.M.

Respectfully Submitted,
Margaret Kehrli,
Secretary

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NEWS FROM THE INSTITUTE

Specification Competition Committee

Jerry Schmierer would like to thank the following members that gave generously of their time as the local evaluation team for the Specification Competition Committee. This year we had a local group that evaluated Product Binders as part of the national competition that culminates at the National Convention.

The members of the local chapter were:

Scott Dicker — Otis Elevator

Dick Hurley — Manufacturers Rep

Geoff Kittell — ThyssenKrupp Elevator

Bruce Mitchell — Carboline Co.

Stephen Wobber — Great NW Construction Products

Ross Wagner — Ross Marketing Resources

the

FINE PRINT

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kuykendall@ccwebster.net or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

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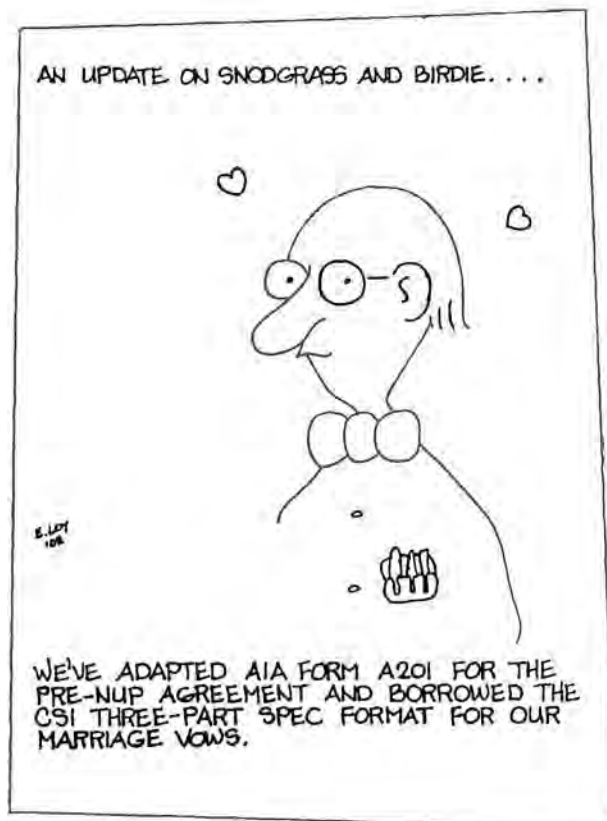
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the real world

By Ed Loy, CSI, CDT



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NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)	Colin Maynard, CSI.....907-274-2236
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
Idaho, Boise, ID (First Tuesday)	Bob Kell, CSI.....208-938-1401

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THE PREDICATOR

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April 2002

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GOT MARKETING?

Name: _____

Company: _____

Telephone: _____ Fax: _____

Guest(s): _____

Payment Method: Check Visa MasterCard

Amount: _____
(\$30.00 per person — Sponsor a Table for 8 only \$210)

Student: _____ (No Charge)

Cardholder Name: _____

Cardholder Address: _____
(complete billing address, including zip code required)

Card Number: _____ Expires: _____

Authorized Signature: _____

Date: April 9, 2002, Tuesday

Time: 5:30pm Meet Your Colleagues
6:30pm Dinner catered by Jake's
7:30pm Presentation

Location: Princeton Building - Ballroom,
614 S.W. Eleventh

Special event price: table of 8 for just \$210!

**Fax your reservation no later than
Apr. 5, 2002 by 5:00pm to (503) 297-3183.**

Checks should be mailed to: CSI, 9578 SW
Morrison St., Portland, OR 97225.
If you have a question, call the CSI Portland
Chapter office at 503-297-2162.



the

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May 2002

APR 22 2002

PREDICATOR

improving the process of creating and sustaining the built environment

Portland CSI presents

PORTLAND PRODUCTS AND SERVICES FAIR

Founded in 1974 by



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VOLUME 41, NO. 10

Portland Chapter CSI
Monthly Newsletter



Tuesday, May 7, 2002
2pm — 8pm

*Be sure to visit the
Project Gallery!*

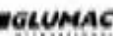
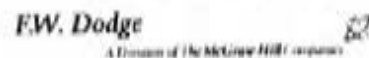


Keynote Speaker Michael Graves, see inside on page 8



A myriad of booths for you to explore.

The Portland Chapter of CSI wishes to acknowledge and thank the following sponsors of the Keynote Speaker lecture at the 2002 Products & Services Fair:



president's message

By Jim Wilson, CSI, CCS, AIA



A Fair for All with no Fare to Anyone!

Welcome to the annual May issue of *The Predicator*; much like *Sports Illustrated's* annual Swim-suit Issue, this month's *The Predicator* is self promotional. Rather than salacious beach shots, we are promoting the Chapter's Products and Services Fair, May 7th. If any of you are

asking, "Why should I go to the Products Fair?" I have several compelling reasons:

First, the Fair supports the Chapter. Income generated by booth sales to vendors is the Chapter's foremost source of revenue—not our dues, not charges for our dinner programs, not our educational events, and not advertising sales in *The Predicator*. Producing the Fair requires our largest single volunteer effort and represents a huge investment of Chapter resources. The Fair has supported the Chapter, year after year.

Everyone wants to see you at the Fair. Robust attendance at the Fair justifies the investment made by our vendors. More than 120 of them are participating again this year. Showing up at the Fair this year, encourages the vendors to participate next year. Firms that underwrite the Keynote Lecture are willing to do so for the exposure they gain at this prominent event. Our vendors, our sponsors, all the people who have worked so hard to produce this event, are doing it with the faith that you will come!

Attending the Fair may be the easiest thing you do all year. A slow business year for your office, trimming expenses, not attending out-of-town national events this year? May 7th, the largest construction products and services show in the northwest will be held right here in Portland. What could be easier than this? Get on MAX, get off at the Convention Center, and you are there! Our exhibitors have looked hard at their budget this year too, and our Chapter needs you to make their expenditure worthwhile.

"Why go to the Fair?" I just don't have any urgent product questions right now, and when I do, I go to the

Web or telephone the Rep." Careful, by going to the Fair, you just might learn something. Try stopping at the first ten booths you pass that are exhibiting the products of a manufacturer you never use - windows, paint, metal roofing, doors. Explain that you have never used their product, and ask them to tell you why you should (rather than the product you always have). Who knows? You might find out something you didn't know about construction products, and about marketing.

Get 120 potential helpers. I know most of the products my firm uses as the basis for our design work are chosen as the result of a personal relationship with the Rep. Knowing the Rep. personally, I have someone to assist me in developing solutions for my project. I become more efficient and increase my firm's profit, and save our client money. Also, knowing the Rep. gives me an effective resource when challenges occur, and I need answers for my project quickly. Hence, the more Reps I know for a given material or component, the more options I am likely to have for my project. More options mean more competition, thus saving my client money. Most clients are happy when you save them money. Happy clients are more likely to come back to you for their next project. There will be at least 120 Product Representatives at the Fair, how many of them do you know?

Me? Market? You are responsible for marketing your services no matter what your role in the construction industry; Contractor, Interior Designer, Specialty Contractor, Architect, or Engineer. Whether you directly market your firm to clients, or market yourself to your boss, you are responsible for bringing in your next job. If you want a job tomorrow, you had better be marketing today. Every conversation you have with a vendor at the Fair will contain lessons about what to do or what not to do when you are marketing for tomorrow's job. Watch your colleagues closely, there are many insights to be gained.

Value for time spent. Ask the tough questions, and learn how you can handle tough questions from your clients. *Explain to me why I will benefit by specifying your product, when I have been using Acme's forever! Explain to us why we should give this project to you when we have been using Wily E Coyote forever!* You can easily visit ten booths in under an hour-and-a half.

continued on page 3

This month's BS Column covers three separate items. For those of you in the Portland, Oregon and Vancouver, Washington area I recommend that you consider attending the Portland Products and Services Fair Tuesday May 7, 2002 at the Portland Convention Center. Fair opens at 2 PM and attendance is free. I strongly recommend one attends a product show whenever and wherever possible. One can obtain much needed product information. Also when one is dealing with representatives of product companies you can discuss product uses and get to know a product rep which usually is a big help. Plus one can make suggestions to improve a product or method. A good example is I revised my roofing specifications to place certain membranes up and over a parapet wall so that the metal coping is primarily for aesthetics only. When I attended the next CSI Convention products show three different manufacturers informed that they now had my suggestion in their standard details.

For additional information regarding this upcoming event contact the Portland CSI Chapter Office. Tel: 503-297-2162, Fax: 503-297-3183, Email: Or contact Cornelia Gibson Tel: 503-624-7444, Fax: 503-624-0815, Email:corneliaacs@aol.com.

On the CSI National scene we lost Alice Shelly, FCSI on March 10th. Alice lived and worked in Hawaii but attended many CSI conventions. Many of us will miss her. I remember the first time I met her was in the early 70s and how I met her was unusual. They were closing a CSI Convention business meeting and Alice was the only person standing who was waiting to get a question answered and the CSI President closed the meeting and left her standing. I went over to her and said, "Well you sure look lonely out here by yourself so I thought I would join you". We talked for a while and from then on we became friends. As I remember it she was the first lady Fellow and received her Fellowship on June 21, 1978 at San Antonio, Texas and I was there cheering her on. She joined the CSI in the 1960s. Over the years Alice has written specifications for over 550 private and government projects in Hawaii and the South Pacific. She also taught courses on Specifications and Contracts at the University of Hawaii. She is listed in Who's Who in American Politics as well as Who's Who of American Women. I have kept up with her both in person and via telephone calls and I certainly will miss her.

I have had some discussions with CSI people regarding liquidated damages. I'll give you my thoughts on the subject. I don't believe liquidation damages in small amounts like \$250 to \$1,000 per day are adequate. If we are going to call for liquidated damages then let's make it big enough so it will be effective. You may ask what is big enough? \$2,500 to \$10,000 per day or more depending on project cost. Why this much? I remember we had one project with a good sized construction firm and work was getting far behind (liquidated damages were \$250 per day). Upon investigation it was discovered that this contractor had several other projects under construction with liquidation damages. Two of them at \$5,000 and two at \$10,000 daily. It became obvious why our project was going slower than anticipated. It is noted that some high daily charges are written into the contract with a certain completion date and every day contractor completes prior to the established date the contractor receives a like amount. Who says contractors are not gamblers? What owners don't realize is if one calls for liquidated damages in small amounts then this can work against them. If one does collect liquidated damages, one can only collect what is shown in the contract agreement. Past experience shows arbitrators and courts tend to award documented losses which may amount to ten times more than a small daily amount as listed under liquidated damages in contract documents.

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continued from page 2 President's Message

If you get three lasting marketing insights in those 90 minutes I'll bet that is a more valuable experience than most of the 90 minute presentations you have paid to attend, and the Fair is free!

And if those are not reasons enough, there are others too: AIA Continuing Education Credits, excellent educational seminars, big prizes for visiting booths, free appetizers, the Keynote Lecture. **Finally, the Fair supports the Chapter!** You may ask yourself, "Why support the Chapter?", because this Chapter supports you! Want the proof, come to the Fair and you will have it.

the CALENDAR

Portland Chapter CSI Events

2002

May 7

Portland's Products & Services Fair

The Oregon Convention Center is where you can attend the premier showcase of construction products, professional services and continuing education in the Northwest.

8:00 PM — Michael Graves, FAIA

The American Institute of Architects' 2001 Gold Medal recipient will be our guest speaker. Two decades after the Portland Building hit our skyline, Michael Graves will share his current work, his views on architecture and the future. **Mark your calendar now** for this unique opportunity to expand your knowledge and to hear a true icon of our profession. (1.5 HSW)

June 11

Jobsite Tour: Brewery Blocks

Gerding Edlin & Hoffman Construction will be our host for this project. (1.5 HSW)

Region & National CSI Events

May 23-25 Conference 2002

Banff, Alberta Canada

Joint CSI NW Region and CSC National Conference. Plan now to attend!

June 27-30 The CSI Show 2002

**46th Annual Convention & Exhibit
Las Vegas, NV - Convention Center**

For further information about these events, please call the CSI office: 503-297-2162.

Other Events

Apr. 30

AIA Spring Lecture Series

**Preserving Modern Landscape Architecture
Charles Birnbaum**

*Coordinator of Historic Landscape Initiative,
National Park Service*

*Cost \$10, 7pm - 9pm at The First
Congregational Church, Portland*

Please call for information at 503-223-8757

July 18-21 CEFPI Regional Conference

The Council of Educational Facility Planners International (CEFPI) will be holding their Pacific Northwest Regional Conference in Portland, at the Benson Hotel. Included is a Vendor's Fair on July

20th for firms wanting to exhibit their products and services to the attendees.

For those interested in attending, please contact Renee Kroupa at Dull Olson Weekes Architects at reneek@dowa.com or (503)226-6950. For booth information contact Mark Severson at Saxton Bradley, Inc. at saxtonbrad@aol.com or (800)308-0811.

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group

•Randy Tessman 503-318-8046 (meets 12-1pm, Rodda Paint, 321 S.E. Taylor)

SSG Specifiers Share Group

•Michael Madias 503-224-6767 (meets every other Thursday, 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor of *The Predictor*, Dianne Kuykendall (503) 631-3782.

The Chapter is a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837. The Chapter will provide certificates of attendance for engineers for Professional Development Hours (PDHs). Check meeting announcements or seminar registration forms for events that qualify.

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Portland's history and she is a delightful work of public art.

Unlike Portlandia, the Building had a stormy reception in here. Today it remains a highly controversial building for this city, reviled by many and championed by no one. Mayor Goldschmit's other initiatives proved more auspicious, Pioneer Courthouse Square, bringing Nordstrom's downtown, MAX (and long range planning for MAX to the airport), Pioneer Place and the Transit Mall. These key features of Portland today began in the same past as the Portland Building. We should be cautious about sending our awkward children to live in the attic, and keeping only the talented and celebrated on display; just as we should avoid the urge to re-tailor out-of-fashion buildings to suit contemporary tastes. Witness the Hilton Hotel a powerful modernist building as it was originally designed by SOM that now resembles a played-out starlet, a victim of excessive cosmetic surgery.

Lost in the Hilton's facelift was a pure example of 1960's modernism, including all the bad behavior. It was a smug brutalist concrete pedestal at the sidewalk with an austere tower of glass and concrete above. If it was a handsome representative of the ideas of its day, what is it now? The remuddled base is a tacky pasteson of Don-Trump-comes-to-stumptown, complete with faint Po-Mo touches! Fortunately, across sixth street, we still have the 1948 Portland Public Services Building to remind us of how wonderful intact old buildings can be (what must the Hilton architects have thought of that building across the street in 1963?). This is why Graves' Portland Building still matters today; it remains a statement of the day when the dominant architectural orthodoxy was toppled. It speaks volumes about our city's aspirations, human follies, and our best intentions. It should inspire us to do better, and remind us of why we must. We can keep the positive initiatives, refine the valid theories and avoid the mistakes of this building only as long as it continues to stand as it was built.

Thus I come to Michael Graves Keynote Lecture at the Products Fair, May 7 at 8 PM. The lecture is entitled, "Life After Portland" and one presumes is not a defense of the Portland Building. It promises a discussion by Graves of his design philosophy and how he has worked to incorporate this into everything from everyday, mass-produced objects to buildings. It is an uncommon opportunity to hear a designer of Graves' prominence speak in Portland. If you are curious, please come. If you cannot fathom how Graves has been the recipient of numerous awards here and abroad, come and see first hand what many others have believed merited those honors. If you view this as your best opportunity in 20 years for a cheap shot at Michael Graves, then I will thank you to stay home!

Why The Portland Building Matters Still

By Jim Wilson, CSI, CCS, AIA

Two years ago I hoped Portland CSI could host an event to observe the 20th Anniversary of the dedication of the Portland Building. This desire had several motivations, but the foundation was laid at the original competition presentation. At that time I was in my final year as an architecture student at the University of Oregon. I came up to Portland to see the memorable event. As a student immersed in the ideas of Norberg Schultz, Kevin Lynch, Robert Venturi and Gaston Bachelard I felt all the emptiness of Modernism had been revealed. Graves delivered an enthralling discourse on the contextual sources of his design and the language of architecture he was striving to reconstruct. The contrasts between Graves proposal, Romaldo Giurgola's masonry pile, and Arthur Erickson's mirrored glass box on posts made this a clear contest between contemporary modernism of the day, a revisionist modernism of brick, and a building of substantial ideas draped by insubstantial pastiche. The decision of which design to choose was nearly impossible given the original charge for the competition of an innovative, exemplary design at only a portion of the cost of a conventional speculative building.

Graves' design won, for reasons that were good, and bad, and unfortunate. Certainly his design had a friend in Phillip Johnson who used his sophisticated wit and considerable charm to promote it. His design was arguably the only one to claim to be within the budget set for the competition, and he delivered more space than the program called for. It is impossible to say now how the project may have turned out had Giurgola's or Erickson's designs been chosen over Graves'. What might have been is not what matters today. What matters today is keeping track accurately of our past while striving for a distinguished future. The Portland Building competition was one facet of Mayor Neil Goldschmidt's multi faceted effort to salvage and reinvent Portland. One major aim of the project was to attract national attention to the City. Graves' building did that indeed. Albeit not all of the attention was favorable, but I do not recall another Portland building that has been on the covers of national architecture magazines, was a feature story in national newsweeklies, and is included in many architectural history texts on 20th century American design. The building also provided the impetus for Portlandia, whose arrival up the Willamette River was certainly among the greatest spontaneous celebrations in

BOOTHS, BOOTHS AND MORE BOOTHS! 2001 PRODUCTS & SERVICES FAIR



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WIN - WIN - WIN Win What?



By Cornelia Gibson, CSI, CDT

There is so much to win at the Portland Products and Services Fair and I'm not just talking about door prizes. What can you, the design professional win at the Products Fair? Why should you attend the Products Fair when the web can give you information virtually at your fingertips right in your office?

The Products Fair allows you to learn about products and services, - to expand your design perspectives. The web allows you to make a lot of assumptions without outlining the product parameters. At the Products Fair you just might discover something really new, really innovative, - something you may never find on the web because you don't know it's there. How can you be at the cutting edge of technical development if you don't get the exposure to the latest product lines

and technical advancements? Ask any vendor or representative to tell you about their most recent product improvements and see how much information you can gain. Asking won't obligate you to anything.

Besides these information gathering opportunities, the annual Products Fair is one of the Chapter's most important sources of income. A strong Chapter can offer you the kind of programs and speakers you expect. So come to the Convention Center on May 7th and do something for yourself and for your Chapter.

Of course you can also participate in some of the great seminars and win door prizes donated by the exhibitors. The destination for the two highly cherished week-end getaway prizes are the Westin Salishan Lodge on the Oregon Coast and Skamania Lodge in the beautiful Columbia River Gorge.

Come visit the Products Fair - An all around wining event!

PROJECT GALLERY 2001 PRODUCTS & SERVICES FAIR

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Photos by Inge Carstanjen & Randy Tessman



The *Portland Products and Services Fair* happens just once a year. You don't have fly anywhere and you don't have to spend the night in a hotel room. Tuesday afternoon, May 7th, just hop on MAX and ride on over to the Convention Center.

This is your chance to investigate the newest inventions and ideas and the latest updates of construction products, services and technology. Check out the displays and attend one or several of the seminars that interest you. At 5:30 pm free hors d'oeuvres will be served. Here you can enjoy some chicken wings and pasta salad while chatting with old and new friends. Here is this year's menu:

Keynote Speaker

Michael Graves, FAIA

Convention Center Grand Ballroom

8:00 pm – 10:00 pm

Admission: \$15.00 – Students: FREE

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Michael Graves has been in the forefront of architectural design since he began his practice in Princeton, New Jersey in 1964. He has taught at Princeton University since 1962 where he is The Schirmer Professor of Architecture. Graves is an influential theorist and a diverse and prolific designer whose work has influenced the transformation of urban architecture from the abstraction of commercial modernism toward more contextual responses. Among MGA's many significant projects for cultural and educational institutions have been the Denver Central Library; Riverbend, the summer home of the Cincinnati Symphony Orchestra; the Clark County Library and Theater in Las Vegas; The Newark Museum in New Jersey; Emory University's Museum of Art and Archaeology; the O'Reilly Theater in Pittsburgh; and the recently opened, NCAA 2000 Hall of Champions in Indianapolis. Other recent projects include the headquarters of the Ministry of Culture in The Hague, and the World Bank Group's International Finance Corporation headquarters in Washington D.C. where MGA is currently designing the expansion and renovation of the U.S. Courthouse on Pennsylvania Avenue just below the Capitol. Graves describes himself as, "a general practitioner," designing, in addition to architecture and interiors, a wide range of furnishings and artifacts, from furniture and lighting fixtures to jewelry and dinnerware, for companies such as Alessi, Steuben, and Disney, Phillips Electronics and

Black & Decker. As well as his widely recognized work with Target Stores bringing his signature style of product design to a larger public. For the German partnership of Duravit, Dornbracht and Hoesch, he has created "Dreamscape," a bath fixtures and fittings collection, and for the Italian hardware manufacturer Valli & Valli, a series of door handles in various metals.

Awards and citations Graves has received include fifteen Progressive Architecture awards, ten American Institute of Architects National Honor Awards, 50 design awards from the AIA-New Jersey, including a career achievement award. In 1999, Graves was presented with the National Medal of Arts by the President of the United States. Books featuring his work include Michael Graves: Building and Projects 1966-1981 (Rizzoli, 1983); Michael Graves: Buildings and Projects 1982-1989 (Princeton Architectural Press, 1990); Michael Graves Design Monograph (Ernst & Sohn, 1994); Michael Graves: Buildings and Projects 1990-1994, (Rizzoli, 1995); and The Master Architect Series III: Michael Graves: Selected and Current Works (Images Publishing, 1999).

Credits: 1.5 HSW LU's.

A great round of applause and gratitude goes to Kaye Kloster and Carol Lidberg at Ford Graphics for their willingness to run the registration at the Products & Services Fair. Not only do Kaye and Carol donate their time and expertise but also their computer system.

A Special Thank You also goes to Linda Carson, Jim Vroom and Andy Strange at Willamette Blueprint for their tireless effort in designing the Products & Services Fair mailers.



EDUCATION SEMINARS
Start at 2:00 pm

Utopian Office Building

2:00 pm – 3:30 pm

Admission: \$15.00

Presented by **Mr. Jeffrey M. Woolf**, Executive Director, Cushman & Wakefield of California, Inc.

Workstage is a revolutionary concept of developing office buildings, utilizing underfloor air conditioning, plug and play electrical and data cabling configured with reconfigurable architecture of walls, doors and movable partitions. The tenant can achieve the office and educational space they need and enjoy the benefits of faster construction than traditional buildings, lower first cost, benefits of a greatly enhanced and healthier work environment, dramatically reduced costs of internal "churn" or change, reduced energy costs by up to 20%, accelerated tax savings, and a building that can qualify for the U.S. Green Building Council initiative qualification for environmental compliance and credits.

Workstage is an office building development company founded by Steelcase, the Gale Company and Morgan Stanley, with Cushman & Wakefield as the exclusive representative in the western United States.

Mr. Jeffrey M. Woolf has been involved in commercial real estate for over 24 years and his accomplishments in corporate services representation; leasing and consulting are in excess of 13 million square feet. He has also sold, leased and consulted on over \$1.5 billion in commercial real estate, redundant facilities and land planning including Marvel Productions, Southern California Edison, City National Bank, CIGNA Insurance, IKON Office Solutions, Paine Webber, NEC and USAA Insurance. He has an M.B.A. from Pepperdine University and a B.S. in Business from UCLA. He is currently affiliated with BOMA, IDRC and IFMA.

Credits: 1.5 HSW AIA LU's.

Major Liability Issues Affecting the 21st Century

Project Team

3:30 pm – 5:00 pm

Admission: \$15.00

Presented by **Dick Alexander, Esq.** Stoel Rives LLP

WHO SHOULD ATTEND: Contractors, Design Professionals, Subcontractors, Building Owners

Understand the sources for many project liabilities and how you can better control them.

Technology is continuously altering the way we exchange information. This session will provide you with answers to the following questions, and more.

- When a **drawing file** is **e-mailed**, how does it affect your firms' liability?
- How do my actions on the project affect our **contract scope**?
- What are the issues affecting my firm's liability in **submittals processing**?
- What do I need to know about liability at **project closeout**?
- How should I **manage project dead-files** to ensure that I do not discard critical information?

Dick Alexander Esq. is a Partner in the Construction & Design Group of Stoel Rives LLP and is 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. Mr. Alexander's relevant Project experience include Nike World Campus, Rose Garden, Brewery Blocks, Oregon Convention Center and numerous other prominent construction projects throughout Oregon.

Credits: 1.5 HSW AIA LU's.

9



Mini-Seminars

Stop in to learn about products and earn credits throughout the day.

- Attendance is *free*.
- Schedule and topics will be available at the registration booth.

These one-hour seminars are certified for AIA learning units for architects and designers.

Vendor Exhibits
2:00 pm – 8:00 pm
Exhibit Hall A

Over 150 booths will feature the latest product updates and ideas – including services and technology used for design, interiors and construction. Investigate the latest how manufacturers are responding to the challenges of the latest construction issues.

The Project Gallery
2:00 pm – 8:00 pm
Exhibit Hall A

Visit this showcase of models of outstanding projects from the region's foremost architectural and design firms. A "People's Choice Award" will be given to the winning display.

Win! Win! Win!

Door Prizes and one of two "Weekend Getaway" prizes might be yours. Visit the most booths and you have a chance to win.

Free hors d'oeuvres will be served at 5:30 pm.
No host bar services will be available too.

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Tuesday, May 7, 2002
Products & Services Fair Opens: 2:00 pm
Oregon Convention Center

Save time and pre-register on the form provided below or register at the door.

Name: _____ Firm: _____

Please check: Architect, Engineer, Interior Designer Building Owner, Facilities Planner Contractor Student Other
 Phone: _____ Fax: _____ E-mail: _____

To register, please indicate seminar choice(s) below by checking the appropriate box(es);

- 1. Michael Graves, FAIA.....8:00 pm - 10:00 pm....\$20.00 (Student FREE)
- 2. Utopian Office Building.....1:30 pm - 3:00 pm....\$15.00
- 3. Major Liability Issues Affecting the 21st Century Project Team..3:30 pm - 5:00 pm....\$15.00

We accept cash, check or Visa/MC#: _____ Exp. Date ____/____

Cardholder Name: _____ Address: _____ City: _____ State: _____

Signature: _____ Total amount enclosed: \$ _____

To Register, Return Form and Payment by April 30th to: Portland Products and Services Fair
 (Please note: after April 30th registration at door only) 9578 SW Morrison St. Portland, Or. 97225
 Phone: 503-297-2162, Fax: 503-297-3183

See you there!

THE CONSTRUCTION SPECIFICATION INSTITUTE'S ANNUAL GOLF TOURNAMENT



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Location: Red Tail Golf Course (Beaverton, OR)
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Shot Gun Start: 12:00pm

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GOLF REGISTRATION

Cost is \$70 per player (Includes Green Fees, Cart, Awards Dinner)

Contact Name _____ Phone: _____ Fax: _____

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Please mail payment and list of players to: Erica Bitterman C/O Precision Images 900 S.E. Sandy Blvd., Portland Oregon 97214. Checks made payable to CSI Portland Chapter. **For information contact Erica Bitterman @ Precision Images 503-274-2030 or e-mail @ erica@pi-express.com**

perky's notes

By Perky Kilbourn, CSI

Many, many years ago, a gentleman by the name of Don Stetson invited Lee Kilbourn to Lee's first Portland Chapter CSI meeting. Lee and I knew Don because Don had married our friend Marguerite Moore. Don died recently while vacationing in Arizona.

His obituary read Don and Marguerite lived in Salem before moving to Fairbanks in 1965 and Anchorage in 1998. Don attended U of O and was a practicing architect in Oregon, Washington and Alaska. He was the chief architect for Philleo Engineering and Architectural Co. in Fairbanks for 10 years after which he was self-employed. He will be remembered

as the architect of the Civic Center at Alaskaland (Pioneer Park) in Fairbanks, and the Department of Transportation building complexes in Fairbanks and Anchorage.

We were very pleased to visit with Don and Marguerite at the 2001 Region Conference in Alaska. Don and Marguerite drove us around the area during the free afternoon in the Region Conference schedule.

It sometimes helps to reflect on who our mentors are – the people who guide us in the direction we go. Don Stetson guided Lee by introducing him to the great people in CSI. The great people in CSI responded to Lee, and Lee went to his first Northwest Region Conference which was chaired by Dick Ehmann. Dick Ehmann is also a great person, so Lee was hooked on CSI.

PROPOSED CSI MasterFormat™ EXPANSION

Everyone who has anything to do with the construction industry knows that change is the norm. From design to the finish of construction through to building occupancy and operation, there is hardly an element that hasn't gone through some change. Yet, even with this steady change, the most commonly accepted method of organizing construction information—CSI's MasterFormat™—has proven to be a flexible and durable classification system. The 16 Division organization MasterFormat™ was introduced in 1963. It has undergone revisions and adjustments since that time but has retained its basic 16-division structure. That may change as a result of a review process now underway. Since May of last year, a committee known as the MasterFormat™ Expansion Task Team has been surveying the major players in construction and facility management to understand where changes might be needed. The committee has then developed proposed revisions in response to those needs.

The work of the committee is available for review at the national CSI website, www.csinet.org. Look for "Proposed MasterFormat™ Expansion." You may also contact Mike Madias or me to request a copy of the document via e-mail. The proposed revisions reflect attention to three primary areas of perceived inadequacies in the current format: 1) Communications Technology (sometimes referred to as IT), 2) Civil, Mechanical and Electrical work, and 3) special categories of construction including heavy civil and process engineering work. There is not sufficient space in this column to describe the proposed changes in detail, but, in general terms, the revisions include:

- Replacing current content of Division 2 with information on site and soil surveys, hazardous materials handling and mitigation (Demolition or moving of structures would remain in Division 2)
- Relocating current Divisions 2, 15 and 16 content to newly created Divisions
- Adding three new "groupings" of divisions—"20 series" for Life Safety, Plumbing, HVAC, Electrical and Communications; "30 series" for site work, transportation and marine work, and "40 Series" for Fluid Treatment, Power Generation and Process Construction

- Leaving the basic structure of Division 3 to 14 unaltered
- Creating reserve space between the major groupings of specifications to allow new Divisions in the future
- Relocation of some sections (in addition to the major shifts noted above) from current Divisions 3 to 14 to new Divisions
- Some title, number or content changes to current sections in Divisions 3 to 14
- More section titles to contain "lifecycle" scopes of work such as maintenance and replacement



The current draft proposals have been published and many construction industry associations have been requested to review them and make comments. The Technical Committees of local CSI chapters have specifically been asked to provide feedback to the Expansion Task Team. In Portland, the Technical Committee and the Specifier Share Group are one and the same. Mike Madias, co-chair of the SSG, organized a special session of the SSG on April 3rd to discuss the proposed revisions. Half a dozen specwriters, an electrical engineer and a couple of information technologists attended this meeting. I will attempt to summarize the conversation that transpired.

There was some discussion attempting to understand the need for changing MasterFormat™. The group generally agreed that the area of communication construction is currently confusing. There are multiple reasons for this confusion. The pathways (conduit, raceways, etc.) may be included in the building construction but cabling and equipment are often performed under a separate contract. If the work is included in the general design and construction, it still might not be adequately designed and coordinated. Owners have various levels of awareness of the scope of communications planning and implementation. Electrical engineering firms have various levels of expertise in design of these systems. General and Electrical Contractors have various levels of understanding about the characteristics of

communications construction and coordination with the conventional electrical work. And, increasingly, there are both consulting and construction firms that specialize in communication technology. For some time there has been a push to creating a Division 17 with the expectation that separating the communications construction—which is almost exclusively low voltage—from the normal electrical work will lead to better design and improved construction coordination.

We also understood that the special requirements for constructing facilities involving process manufacturing do not fit well with the current MasterFormat™ sections. The current MasterFormat™ simply does not contain sufficient Section Numbers or “addresses” for locating the many distinct materials or processes that need to be specified. A similar complaint is heard regarding heavy industrial and transportation construction.

The group consensus was that some adjustment is needed but none of those attending were convinced that the proposed direction was the appropriate response. Concerns that were specifically voiced were:

- Some discrete portions of work are suddenly fragmented into multiple sections that make it harder to both specify and construct (example given was the construction of a concrete wall would take five sections)
- Sections for some work are moved away from their “natural” association with other work (example given was door Smoke Seals which are proposed to be in the new Division 21 Life Safety and Facility Protection—away from the current Division 8 where they are included, and scheduled, with Door Hardware)
- Current MasterFormat™ organization is based on specific materials, products or systems (“things”) where the proposed classifications seem to name sections more by applications. This might be confusing for both bidding and construction.
- Current MasterFormat™ also follows a sequence of work roughly comparable to construction sequence, where the proposed reordering of some parts of the work places infrastructure (underground) work in a proposed Division 31, well past building Finishes (current and proposed Division 9). This raises a fundamental question: With changes as significant as those proposed, why

not renumber the entire MasterFormat™ so that there is a systematic logic to it instead of ending up with a hybrid system?

- Concerns were raised about the possible decrease, rather than increase, in coordination of normal electrical and low-voltage communications work if communications is placed in its own Division (proposed Division 25). This would lead to a separate contract with the General Contractor, rather than a sub relationship to the primary electrical subcontractor, possibly leading to less coordination than at present. After some discussion there was general agreement that what was needed was better front end coordination and communications planning on the part of both Owner and A/E (with the Owner paying for it) rather than necessarily relocating the specification outside the current Div. 16.
- Other activities than those directly related to the physical construction of the project are “creeping” into the MasterFormat™ content such as “Life Cycle Activities” (maintenance and replacement), hazardous material abatement, etc. This might begin to erode the basic intent of MasterFormat™ as a system for organizing Construction Documents that must clearly and concisely communicate work particular for bidding and construction.

In conclusion, those attending were not against changes if there are real conditions driving them, but if we are to consider the magnitude of the changes that are being proposed, there should be a “step back” to look at the big picture so that the end product has a clear structural logic that works now and in the future. Your comments are invited so that the Portland Chapter can provide meaningful input to the Task Team. Please review the proposed changes and send your comments to Mike Madias by fax (503-224-5936) or e-mail before May 24. We will all be affected by a revision so make sure that you have “weighed in” while you can.

There are usually two SSG meetings each month, on the 2nd and 4th Thursdays. Upcoming topics include: the Proper Applications of Joint Sealants and Glass and Glass Coatings. 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 Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

the MINUTES

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
March 5, 2002

CALL TO ORDER: The meeting was called to order by President Jim Wilson at 12:08 P.M. at the Portland Chapter AIA Conference Room.

PRESENT: Doug Allen, Curt Austin, Joe Bolkovatz, Denise Carpenter, Inge Carstanjen, Margaret Kehrl, Jody Moore, Bruce Townsend, and Jim Wilson

ABSENT: Cherie McNabb and Robert Schroeder

ALSO PRESENT: Lee Kilbourn and John Lape

1. TASK TEAM REPORT:

Products and Services Fair Keynote Speaker Funding – Extensive discussion was held regarding arrangements for this event and the proposed symposium on the following day. Cost of underwriting the events was discussed. Due to the cost, there was agreement by the BOD to not sponsor the symposium. Regarding the Keynote Lecture, the following resolution was passed, "Raise the speakers fee through sponsorships in hand by March 14th to support Michael Graves as the keynote speaker for the Products and Services Fair. If funds are not raised by the deadline, CSI will pursue an alternative speaker."

2. FINANCIAL REPORT:

The financial report was presented to the BOD.

3. FEBRUARY BOD MINUTES:

February 5, 2002 Board Meeting Minutes were read. There was a motion, a second, and the minutes were approved as amended (MSP).

ADJOURNMENT: 1:15 P.M.

Respectfully Submitted,
Margaret Kehrl, Secretary

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THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kuykendall@ccwebster.net or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

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Photography: Randy Tessman

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NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)	Colin Maynard, CSI.....907-274-2236
Puget Sound, Seattle, WA (Second Thursday)	Reita Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (First Thursday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
Idaho, Boise, ID (First Tuesday)	Bob Kell, CSI.....208-938-1401

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THE PREDICATOR

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May 2002

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Date: May 7, 2002, Tuesday

Time: 2:00pm Products & Services Fair Opens

Location: Oregon Convention Center

Registration: See inside, page 10

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Hoffman Construction and Portland CSI present

The Brewery Blocks

Project Site Tour — Block 2

Tuesday June 11, 2002

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VOLUME 41, NO. 11

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

In the midst of Portland's dynamic Pearl District, a bridge between old and new is being forged at the **Brewery Blocks**. On **Block 2**, work is steadily progressing, and while the new office tower is nearing completion, the adjacent Brewery renovation is still very much under construction.

Three months ago, **Dennis Wilde** shared the **Gerding Edlen Development** vision for the five-block project, and **Bruce Brown, CSI**, of **GBD Architects** talked the mandates for the design and sustainable construction concepts. (March meeting story on page 7)

On **Tuesday, June 11**, we will get to see just what they were talking about!

Hoffman Construction will be our host at the site where we will have the rare opportunity to see first-hand the multi-layered structures, the results of the team's heroic preservation efforts, and the ongoing innovations required for construction on this challenging site. Following the tour, we will head with our hosts to the Princeton Building for a delicious buffet dinner, catered by **Jake's**.

Topping the evening will be our annual celebration of those who have worked hard to see this Chapter continue its distinguished course—receiving the Institute's Outstanding Chapter Commendation for a third consecutive year.

Location: Brewery Blocks 2 — the one with the historic brick facade & the stack!
1107 NW Couch Street

Time: 4:30 Gather in the Courtyard
5:00 Sharp! Tour Shotgun Start
7:15 to 9:00 Dinner & Presentation at the Princeton Building

Transportation: You may want to ride the new Portland streetcar on Tenth between the Governor Hotel and Brewery Blocks.

*This is a multi-story building with varied unfinished floors.
Please wear flat-heeled closed-toe shoes.*

You will be required to sign a liability release form at the tour.

Cost: \$ 30.00 for Tour and Dinner
Host a table for 8 for \$225.00

Pre-Paid Reservations Required.
Register Now! Tour limited to the first 120 who reserve.

Please see back cover for easy reservation form.

president's message

By Jim Wilson, CSI, CCS, AIA



Your help is needed now - not when you have finished that call on your cell phone - to find a product. It's a roofing material, but it can also be used on walls or ceilings or as a substrate for tile. You may have read about it in an article in *Record* or *Construction Specifier*, or *Architecture*. Perhaps you noticed

it on that little mother-in-law addition over by the Starbuck's in Sellwood.

2 Your assistance is urgently needed. If you are a general contractor, material supplier, designer or specialty contractor you may have seen this product. Think. Think carefully. It may have been that stuff you used in that strip mall you did last spring. Or you could be using it in that Church remodel you are doing right now! The time for you to call is now — right now — not when you've returned from vacation. Because the sooner we get this stuff nailed down the sooner we can all return to our usual preoccupation with the next new thing.

This product was originally developed in Europe or Mexico and may have been in use for many years in Canada, or more likely British Columbia. UL listing designations used for this product have included BHWV, OEQX and TEOW; though it apparently does not have an ICBO listing nor is it approved for electrical use in wet areas. However, product information data purportedly claims a lifetime limited warranty for all uses sanctioned by the manufacturer.

Identifying this material is a given, you will know it when you see it by its distinctive glossy iridescence. This quality makes it a favorite material for signage and point-of-purchase sales promotion. Who knows, you may have seen it as you pick-up that Hostess cream pie while checking out at the Safeway last week. The iridescent look is less pro-

nounced under low light conditions. It fades on exposure to harsh sunlight or heavy rain, but it can be restored with periodic washing. Did you notice one of those sandwich signs warning the floor is slippery when wet?

Another telltale sign is the specialized fastening method utilized to anchor this product, although these fasteners can also be concealed with adhesive covers. Often installed as a self-supporting panel in vertical applications, it can also be used as a roll good or applied using conventional spray equipment and back-rolled to impart a unique directional texture. When applied in this manner, the product reacts with oxygen to form a uniform, dull patina, according to an expert corrosion engineer who declines to identify the product as metallic, "It may have a metallic look to it, but I have also heard it described as having an iridescent appearance, especially under certain lighting conditions."

While the unique appearance of this material may not be the dead give away expected, you are encouraged to remain diligent. Senior Inspectors at a noted metropolitan building department, who spoke on condition that their identities be withheld, insist that you remain dogged in your pursuit of this material. It may have contributed to the mysterious collapse last year of a dot.com company, and series of unaccounted-for arsons since then. Your effort is required *right now* if we are going to find out what this product is, not after your architect has finished processing that change order.

The key to finding the product will undoubtedly be in identifying the manufacturer. Expect this to be one utilizing a high level of recycled materials or plausibly laundering hazardous wastes. It may be a large multinational conglomerate producing products in locations where environmental standards are low. It could just as likely be operating out of that mini storage garage next door to where you keep your boat (would this account for those

continued on page 3

This year at the Portland CSI Chapter's Products and Services Fair held May 7th at the Oregon Convention Center there was a seminar entitled ASME 2000 Elevator Code Changes which also gave AIA - HSW Credits. The new Code is called a Harmonized Code. It is a joint agreement with Canada and scheduled to be effective in the Fall probably in November 2002. The United States Code is ASME.17.1 and the Canadian Code is CAN/CSAB44, are now identical. Architects planning installations in the United States or Canada should be aware of "harmonized code" changes that affect the cost and installation of all types of elevators: hydraulic, traction - geared and gearless. Benefits include added safety for passengers and elevator mechanics. Following is a complete description of all changes:

Changes affecting all elevators: Elevators must carry unique identification on the car operating panel and hoistway frame at each level in order to help locate trapped passengers. Unlocking device is required to provide hoistway access from all landings except where prohibited. These devices are used to open hoistway doors safely to evacuate trapped passengers. Top of car emergency exit switch is required to prevent elevator from moving if the emergency hatch at top of car is opened.

Changes to hydraulic elevators: Clear overhead increases/new guardrail requirement. Rails are required when a fall hazard exists, such as where there is a space greater than 12 inches between car top and wall. The guardrail requires an additional 5 inches of overhead. Product enhancement/hoistway access keyswitch. The hydraulic access keyswitch allows the mechanic to access the car safely. Keyswitch is required in hydraulic applications with 35 inches of space between top landing and car is at the floor below the top landing.

Changes to traction equipment: Increased hoistway depth / car top refuge space. Requirement for additional space means hoistway depths will increase 2 inches to 2.5 inches depending on hoistway capacity. Clear overhead and pit increase

/ short stroke buffers. Systems with short stroke buffers need same overhead space now as those with full stroke buffers. Buffers act like springs, absorbing the elevator's energy as it descends into the pit. Pit depths need to increase for traction equipment running at 500 FPM or less. Deeper pit/ toeguards are now 48 inches long instead of 27 inches. Minimum pit depths increase for GEM, MVS and some HVS traction elevators.

Changes to building requirements: Provide platform to allow access to an elevator bottom deeper than 8 feet - 2 inches. This change primarily affects high speed equipment. Platform size will vary on equipment. Pit ladders now must extend 48 inches above the bottom landing. I have said for many years pit ladders should be done this way and they finally did it. So there!

continued from page 2
President's Message

odd smells and premature paint failure?). Ultimately, look for a manufacturing source at the breaking edge of industrial technology or one flying just below the radar. If you believe you know whom the manufacturer of the product may be or if you have seen a material closely matching the foregoing description — *act now!* Operators are standing-by, except after 4 PM Eastern Time when an automated service takes over. Call now so you don't forget. There is no requirement for you to identify yourself - only the product - but as a precaution callers should have their SSI number close at hand.

A final reminder: Conventional buildings that incorporate innovative applications of any product should arouse your suspicions. Look for these to include outdoor advertising structures, and cellular telephone towers, or floor supported partition systems. In fact, next time you are sitting in a commercial or institutional restroom, put down your newspaper and look around...

Apologies to Bill Franzen - and may you all have a frivolous, worry free summer.

the CALENDAR

Portland Chapter CSI Events

2002

- June 11 Jobsite Tour: Brewery Blocks**
Gerding Edlin & Hoffman Construction will be our host for this project.
(1.5 HSW)
- July 26 Board & Committee Planning Session**
- Sept. 10 Project Tour: Site to be Selected**
- Oct. 24 Architecture Week**
THURSDAY Key Note Speaker - Robert Campbell,
FAIA, Architectural critic for the Boston
Globe.
- Nov. 12 The Reality of Going Green**
First in the series on Sustainability
- Dec. 10 Holiday Dinner Cruise**
Portland CSI's favorite has returned

Region & National CSI Events

June 26-30 The CSI Show 2002
46th Annual Convention & Exhibit
Las Vegas, NV - Convention Center
See page 6 for more details

Oct. 24-27 National CSI Board
Meeting will be held in Portland, OR

*For further information about these events, please
call the CSI office: 503-297-2162.*

Other Events

**June 14 BICSI (Building Industry Consulting
Service International)**
Region 4 Meeting
Seattle, WA — 7:00am - 12:30pm
Doubletree Hotel Seattle Airport,
18740 Pacific Hwy South, 206-246-8600
For more information call Judy Dulberg-
Brown at BICSI 800-242-7405.

July 18-21 CEFPI Regional Conference
The Council of Educational Facility
Planners International (CEFPI) will be
holding their Pacific Northwest Regional
Conference in Portland, at the Benson
Hotel. Included is a Vendor's Fair on July
20th for firms wanting to exhibit their

products and services to the attendees.

For those interested in attending, please
contact Renee Kroupa at Dull Olson
Weekes Architects at reneek@dowa.com
or (503)226-6950. For booth information
contact Mark Severson at Saxton Bradley,
Inc. at saxtonbrad@aol.com or
(800)308-0811.

2003

Aug. 20-23 AIA Region Convention
Oregon Convention Center
(1.5 HSW)

ABBREVIATIONS

LU's — AIA Learning Units available
HSW — Health, Safety & Welfare credits

CONTACTS

PRSG Product Rep Share Group
•Randy Tessman 503-318-8046 (meets 12-1pm, Rodda Paint,
321 S.E. Taylor)

SSG Specifiers Share Group
•Michael Madias 503-224-6767 (meets every other Thursday,
12-1pm, ZGF, 320 SW Oak, 5th Fl.)

If you have a function that you would like listed contact the Editor
of *The Predictor*, Dianne Kuykendall (503) 631-3782.

The Chapter is a licensed provider of AIA continuing education
credits. For approval of a program, contact John Lape (503) 243-
2837. The Chapter will provide certificates of attendance for engi-
neers for Professional Development Hours (PDHs). Check meet-
ing announcements or seminar registration forms for events that
qualify.

renewing members in 2002

February 2002

Alexander, Richard E., CSI, CDT	Jacobson, Bryce, CSI
Armstrong, John A., CSI	Kapp, Michael J., CSI
Auger, Simone, CSI	Kerns, Susan L.
Beeson, Mike L., CSI, CDT	Khalifeh, Bassam, CSI
Benschoter, Thomas R., CSI, CDT	Lanciault, Eric, CSI
Bronder, Julie A., CSI, AIA	Lemen, Mike, CSI
Brown, Dennis A., CSI	Lucachick, Daniel B., CSI
Cross, Jody E., CSI, AHC	Martin, Scott, CSI
Davis, Art, CSI	McKinney, Michael S., CSI
Eckfield, Eric, CSI	McNutt, Douglas A., CSI
Erskine, Ron, CSI	Newberry, Mark, CSI
Good, Greg, CSI, CCA	Novak, Louis J., CSI
Harris, Jerry C., CSI	Onstad, Ellen M., CSI, CDT
Hirte, Jim, CSI, CDT	Piekenbrock, Richard, CSI
Huffman, Morris, CSI	Shelestak, Gerald, CSI, CDT
	Vellkanje, Gary P., CSI, CDT

4

the ANNOUNCEMENTS

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5

NW Region CSI Directory Gets Underway!

Your annual NW Region CSI Membership Directory & Specifiers' Guide is the single best source to locate product and service providers in our region. We encourage CSI members to support this project by placing advertising in this valuable networking publication. Why? Because CSI supports the belief that members should "*Buy CSI First!*"

To order, simply check (✓) one of the boxes below and return by fax to (800) 576-5867. A representative of Market Performance Group will contact you to complete your order.

Thank you! *Bob Kenworthy, NW Region Director*

YES!

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Locations:

Portland, Jean Vollum Natural Capital Center, June 26
Seattle, Lighting Design Lab, June 27

Program:

7:30 Registration
8:00 -5:00 workshop, including Lunch

Speakers:

Gail Lindsey, Design Harmony
Greg Franta, ENSAR Group
G.Z “Charlie” Brown, University of Oregon/Better Bricks Lighting Lab (Portland only)
Joel Loveland, University of Washington/Seattle Lighting Design Lab (Seattle only)

Registration:

\$150. Includes lunch and workshop materials. A \$25 discount offered for additional persons from the same firm. Scholarships are available. Registrations required by June 15th. Cancellations after this date will not be refunded. Alternate attendee welcomed.

Please contact the AIA/Portland office at (503) 223-8757, or email aia@aiaportland.org for more information.

8 HSW learning units



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NORTHWEST ENERGY EFFICIENCY ALLIANCE

46th Annual Convention & Exhibit

Las Vegas, NV

Las Vegas Convention Center

Convention: June 26-30, 2002

Exhibit: June 27-29, 2002



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For registration information please see CSI's website www.csinet.org.

march chapter meeting - Brewery Blocks

Great things Brewed up in the Pearl

Our March program featured Gerding Edlen's Brewery Block development in The Pearl District. It was a story as sweeping as the project itself, which is redeveloping five entire blocks, to create a genuine live/work community and restore the historic 19th Century Blitz Winehardt brewery and the 1896 Armory building in the process. Gerding Edlen have set out to create a neighborhood that blends new with historic, integrating mixed uses to create transit ridership, and achieve the US Green Building Council's Leadership in Energy and Environmental Design (LEED) certification on all five blocks. The project is among the few recent developments in the City capable of capitalizing on Floor Area Ratio (FAR) credits permitting increased building density in exchange for enhanced amenities such as wider sidewalks, added covered and secure bicycle parking and support facilities for cyclists including lockers and showers.

A major challenge early in the Project was the 45 foot deep excavation for 1,360 stall car park that extends beneath public right-of-ways which the former brewery buildings had obstructed and will now be restored. Shoring and tiebacks for this cavernous footprint required close involvement by all members of the Project team. In relating the challenges involved in the earthwork Gerding Edlen's, Dennis Wilde remarked at the serendipitous weather, "That saved our bacon!" as Portland saw one of its driest fall seasons on record while the open excavation was underway.

Innovations abound in this breaking edge project. These included the City's bureaucracy, whom Mr. Wilde praised for its flexibility and cooperation with Project

team efforts to resolve complex issues with non-conventional engineering solutions for such complex issues as required fire resistance for "exoskeletal" structural steel. Seismic stabilization of the masonry brewery building with its 150 foot tall chimney, and a 250 pound / sq ft live load on the floor above the new street level supermarket (the first large grocery in this neighborhood) provided additional challenges for Project structural engineers KPFF.

Mechanical and Electrical Engineers with GLUMAC International created a number of innovative engineering features for the Brewery Blocks. In pursuit of LEED certification, the buildings are designed to exceed Oregon Energy Code efficiency requirements by as much as 30 percent. Effective control of lighting levels with efficient, long life induction luminaries which reduced wattage levels in the car park; indirect lighting in retail areas and day-lighting in office occupancies all serve to reduce electrical demand and control internal heat gain.

In the mechanical arena the development includes a central chilled water plant capable of supplying chilled water to many downtown buildings whose chillers are nearing the end of their service life. Operable windows for occupant controlled natural ventilation conflicted with conventional smoke control measures for high rise buildings, and necessitated an innovative engineering solution. The 15 story condominium tower uses a solar hot water system for the 132 owner occupied units. Underfloor air systems will be used in the Block 5, 220 unit apartment building that will complete the development.

From incremental permitting and utilization of FAR incentives, to rigorous efforts at responsible development for the livability of Portland and environmental sustainability, the Brewery Blocks is an exciting and exemplary project by one of the most imaginative and dynamic developers working in Portland today. Members should take full advantage of the opportunity offered by June's program when we will meet at the Brewery Blocks for an extensive project tour that will feature these and many other design, engineering and construction innovations.

7

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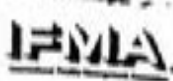
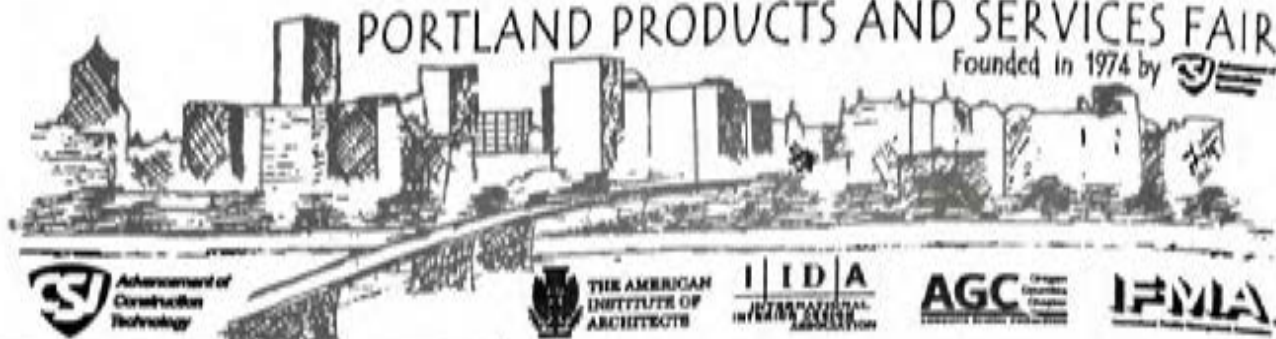


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We want to let you know how happy we were with the 2002 Products and Services Fair. We have had a booth at the show every year since 1987 and this years show was absolutely the BEST ever! Visitors to our booth were constant throughout the afternoon and evening, and we made more quality contacts this year than ever before. And due to the great traffic, exhibitors didn't break down early as has happened in years past. Hats off to Cherie McNabb, Cornelia Gibson, and the team effort responsible for this success. Also, having Michael Graves as featured speaker was a big factor in the visitor traffic.

Thank you for a GREAT Products Fair!

Eric Hansen, CSI
Advanced Entry Systems

8



Tim Cockburn & David Ross, Ross & Associates, reviewing Project Exhibit.



Beautiful women showing their patriotic spirit.



Past-President Jody Moore talking to current President Jim Wilson.



Randy Tessman promoting Benjamin Moore.



Klaus & Cornelia Gibson at the Access Control Systems booth.

KeyNote Speaker — Michael Graves

By Brian Libby

For the annual Products and Services Fair keynote lecture, CSI and AIA have established a tradition of featuring some of today's most important architects: Moshe Safdie, Thom Mayne, Antoine Predock, Arthur Erickson. This year, however, may have been the biggest event yet.

Twenty years after his Portland Public Services Building made international headlines for jump-starting the postmodern architecture movement even as locals deemed it a unanimous failure, Michael Graves returned to the Rose City for a lecture entitled "Life After Portland". Despite saying prior that he would not talk about the Portland Building, Graves proceeded to do just that, with a mixture of humor and insight. "Twenty years ago my supporters couldn't fill one Chinese restaurant," the architect joked upon greeting a capacity crowd at the Oregon Convention Center. "Maybe you're all my enemies."

Despite the venom existing on both sides over the Portland Building, Graves and his audience were cordial as could be. The architect had flattering words for the city's famously livable urban core and civic involvement, while the crowd greeted Graves with nothing but applause. A few even clapped when a slide of the infamous Portland Building came onscreen.

Overdue as the reconciliation between Graves and Portland may have been, the evening turned out to be much more. As the architect looked back on his now-legendary career—validated by an AIA Gold Medal and a National Medal of Arts—it provided an opportunity to re-examine not only Graves' work, but also the larger context of postmodernism.

Recalling his education at the University of Cincinnati, Harvard, and the American Academy in Rome, Graves cast his transformation from modernism to postmodernism as not a reversal of principles, but a progression. Citing the subtle symbolism inherent in the work of Le Corbusier, Graves described his developing style not so much as an ironic reading of classical architecture—as is commonly assumed—but as romantic homage, endlessly drawing from the passionate Italian design vernacular that inspired the young architect during his formative years of study there.

So when discussion turned to the Portland Building, Graves described his impetus for the design as an



Bruce Townsend at the Sherwin Williams booth.

attempt to infuse the city's late-'70s/early-'80s urban core with a touch of color, and humanism. Recalling his bewilderment at the venom with which locals regarded his building: "I thought, 'Why are they so upset?' Modernism has given them a choice between vertical and horizontal, white, gray or black. Come on! This is the City of Roses. You're too smart for that!"

Twenty years later, postmodernism may have gone out of favor, but its principles of site-specific design context, embrace of color, and humanistic flair have helped transform contemporary architecture. And while no one questions the Portland Building's numerous flaws—both those of Graves' making and those spurred by its rock-bottom budget—the evening appeared to bring closure between the city and the man who designed perhaps its only true architectural icon. As Sienna Architecture Company CEO Gary Reddick proclaimed to the crowd after Graves left the stage, "This proves you can go home again."

CSI would like to thank the many generous organizations who sponsored Graves' keynote address at the 2002 Portland Products and Services Fair, without whom this seminal moment in Portland architecture would not have been possible: FW Dodge/McGraw Hill, Colamette Construction, Ford Graphics, GLUMAC International, SRG Partnership pc, Stael Rives LLP, and Columbia Wire and Iron.



Another successful CSI Products & Services Fair

9

membership news

By Lee Kilbourn, FCSI, CCS, FAIA
& Perky Kilbourn, CSI

We were glad to see **A. Larry Brown FCSI** (rep for Owens-Corning Fiberglas roofing, then Exterior Systems) out and about at our recent Products and Services Fair. He said his wife Lona was recovering well from her recent surgery.

Jim Davidson CSI (retired rep for the Cronin Company) also attended our Fair. We extend our condolences to him on the recent death of his wife.

Bob Pierson CSI (retired rep for roofing manufacturers) was there too, cheery as usual.

Roy Childers (Architect for the Washington State Department of General Administration) came down from Olympia. Lee does not recall the specific dates of his membership; they were glad to get reacquainted after working together at ZGF many years ago. Architects registered in Oregon seem to be more interested in continuing education than their Washington State associates.

Richard C. "Dick" Ehmman FCSI wrote to us after reading our comments last month and said he'd just gotten back from a month-long hospital sojourn. He remembered the cost of our first Region Conference, including lunch, was \$2.50 per person. He and Edith hoped our frailties and theirs continue under control.

Recently we learned **Cindy Mahaffey CSI** underwent serious surgery. We understand she will have chemotherapy for some time to come. She would appreciate support, prayers, and love from us all. Please send greeting cards to her care of United Tile, 3435 SE 17th, Portland, OR 97202.

We met **Joe Dworkin, CSI, CDT** three time Institute Director as he cruised the Products and Services Fair. He lives in Ashland now and is considering founding a CSI Chapter in Southern Oregon.

perky's notes

By Perky Kilbourn, CSI

Perky's notes on April's meeting

Steven Bragg, AIA, CSI, VP of Marketing and Project Architect for Carlson/Veit Architects, P.C. gave the first part of the program at the April Portland Chapter CSI Meeting. He listed five things which seem to make a difference in whether a business succeeds or not.

1. Reliability - To paraphrase Bragg "consistently doing it right the first time" - if a mistake occurs, over-compensate and make it right.
2. Responsiveness - If a client makes a request - respond appropriately.
3. Assurance - Act like you know what you are doing - act like a professional.
4. Tangibility - Do what you say you will do and a little bit more - go the extra mile.
5. Concern for client - Put your clients first and show genuine concern for their requests and/or problems.

In summary, these are the points which I heard Bragg make in his talk. From personal experience, they do work. I have now closed the "Hands-on Laboratory" part of Consulting Clinical and Microbiological Laboratory, Inc. (CCML). The "Consulting" part of CCML is not closed. A couple of my accounts have asked me to continue to do consulting for them. Another company has asked me to start doing some consulting for them. Something about never a dull moment!



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THE CONSTRUCTION SPECIFICATION INSTITUTE'S ANNUAL GOLF TOURNAMENT



FRIDAY, AUGUST 9, 2002

Location: Red Tail Golf Course (Beaverton, OR)
Registration Starts: 10:30am
Shot Gun Start: 12:00pm

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Here are some highlights from recent SSG sessions:

April 11 Topic: Coating Exterior Metals

Our guest was Pete Thompson from Evan House/Pilip & Sons. He went through some of the basics of metal (steel) coating systems and talked about matching the coating system to the conditions of exposure. The coating systems described were:

- Acrylic or latex (should not be used in seacoast areas where exposed to salt air)
- Alkyd or solvent based (gradually disappearing due to v.o.c. restrictions)
- Epoxies (generally creates a thicker dry film, is longer lasting and more brittle than other types)

The most critical step in coating metal is preparing the metal for a good bond. Metal preparation standards have been established by the Steel Structures Painting Council, www.sspc.org. When painting galvanized material it is necessary to breakdown the extremely smooth surface left by the galvanizing process. This can be achieved by using solvent, lightly sandblasting or cleaning with specially made cleaners. The emphasis was on shop or field applied systems but more specialized high-performance coatings such as fluorocarbon and powdercoating were also mentioned.

April 25 Topic: New Window Standards

Joan Schaefer of Traco Windows presented an AAMA program describing the new ANSI/AAMA/NWDA 101/1.S.2-97 standard and how it changes the previous (1993) standard. She pointed out that this standard should not be confused with NFRC standards. The AAMA standard concerns itself with air and water infiltration and the structural and material properties of the assembled window. NFRC standards relate to the window's energy characteristics. The new standard includes wood windows, not just aluminum and vinyl as did the old standard. The standard classifies windows by grade:

- **R** for residential
- **LC** for light commercial
- **C** for commercial
- **HC** for heavy commercial
- **AW** for architectural window

The standard is a "voluntary" standard but its recognition within the industry leads all major manufacturers to participate. The full standard is available through the www.techstreet.com/info/aama.



May 9 Topic: Selection and Application of Joint Sealants

Chris Ferguson, representing Atlas Supply, brought a team of people experienced in the joint sealant business. An overview of sealant types was presented and time allowed for some questions and answers:

- What are some common specifying errors?
Too many different types of sealants specified. Not requiring adhesion tests. It's important to require one submittal for all joint sealants—to be reviewed at one time to confirm compatibility, color, etc. List performance standards and products, making sure they are consistent.
- What are some common installation problems?
Improper placement of backer rods—rod should be placed at a uniform depth to create a sealant joint that is approximately as deep as it is wide. The backer rod gives a half round shape to the back that matches the face so that the cross section of the joint is like an hour glass.

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 Michael Madias (mike@beautifulbuildings.com) or myself (david@thomashacker.com).

Technical News

National CAD Standard Unifying the Industry

Contributing organizations, including CSI, continue to incorporate various CAD standards from the industry into the National CAD Standard (NCS). When three formerly independent standard-setting efforts converged—CSI's Uniform Drawing System(tm) (UDS), the American Institute of Architects' CAD Layer Guidelines (CLG), and the Department of Defense's Tri-Services CAD Center's Plotting Guidelines (PG)—the NCS resulted. Together, these components determine what goes into a drawing, how drawings are aggregated onto sheets, and sheets into sets (UDS); how design files are internally organized (CLG); and how the digital components are printed or plotted (UDS and PG).

A renewed hope for more widespread adoption of existing standards, convergence of standards, and maybe even unification of the various standards' frameworks has been offered due to recent advancements among these organizations. The National Institute of Building Sciences (NIBS), located in Washington, D.C., is a contributing player in driving this integration.

For more information about the NCS, visit CSINet (www.csinet.org). NCS Version 2 may be purchased via CSI's online bookstore at www.csinet.org/technic/uds/uds.htm.

-Information from www.archrecord.com, April 30, 2002

Certification Renewals Due by the End of June

Does your CSI certification expire on June 30? Practitioners who have their CCS, CCCA, or CCPR must renew their certification every three years. Renewal is simple, and your due date is on the bottom left of your certificate. For more information, www.csinet.org/certify/topcertrenew.htm. The Institute mailed certification renewal forms in early April to affected individuals. For more information, contact CSI Member/Customer Service at (800) 689-2900.

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the real world

By Ed Loy, CSI, CDT

SNODGRASS, SPEC WRITER WITH ANGST



IT'S DISTRESSING TO LEARN THAT A PRODUCT I'VE SPECIFIED IS NO LONGER BEING MADE. IT'S DOWNRIGHT DEPRESSING TO BE TOLD THAT A PRODUCT I'VE SPECIFIED NEVER HAS BEEN MADE.

the MINUTES

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
April 2, 2002

CALL TO ORDER: The meeting was called to order by President Jim Wilson at 12:09 P.M. at the Portland Chapter AIA Conference Room.

PRESENT: Doug Allen, Joe Bolkovatz, Denise Carpenter, Inge Carstanjen, Margaret Kehrli, Cherie McNabb, Robert Schroeder, Bruce Townsend, and Jim Wilson

ABSENT: Curt Austin and Jody Moore

ALSO PRESENT: Lee Kilbourn and Cornelia Gibson

1. TASK TEAM REPORT:

Long Range Planning – The Long Range Planning is scheduled for April 26, and April 27, 2002 at the Ramada by the Airport. Bud Crouch will be our facilitator for the meeting. Curt Austin will be sending a pre-session survey to all attendees and would like it completed by the end of the week. All BOD members are expected to attend.

2. PRODUCTS AND SERVICES FAIR:

Cornelia Gibson and Cherie McNabb provided the following update on the Portland Chapter Products and Services Fair:

- The fair will be held May 7, 2002 from 2 p.m. to 8 p.m. at the Oregon Convention Center.
- The invitations are at the printer.
- 98 booths have been sold to date.
- Six projects to date have been submitted for inclusion in the Project Gallery.
- Education seminars and mini-seminars will be presented throughout the day.
- The May issue of *the Predicator* will be primarily dedicated to the Fair.
- By a motion, a second & approval (MSP), with one member excused from voting, the BOD accepted Cherie McNabb's proposal for processing the Products Fair invitations.
- Ford Graphics will again run the registration desk at the fair.
- The keynote speaker at the Products Fair is Michael Graves.

3. FINANCIAL REPORT:

The financial report was presented to the BOD.

4. OTHER BUSINESS:

•The Portland Chapter of CSI will receive two Institute Awards at the upcoming National Convention, the Outstanding Chapter Commendation and the Publications award for *The Predicator*.

•By a MSP, the BOD approved payment of a \$100 fee for one year to support the creation and maintenance of an AIA initiated Arts and Culture Calendar listing organizations for Architecture, Arts and Culture, Engineering, Environmental, Graphic Design, Industrial Design, Interior Design, Landscape Architecture, Planning and Urban Design.

•Bob Kenworthy notified the chapter that the national BOD plans to meet in Portland from October 24, 2002 to October 27, 2002. A suggestion was made to investigate moving the Portland Chapter CSI monthly dinner meeting to Thursday, October 24, 2002.

5. MARCH BOD MINUTES:

March 5, 2002 Board Meeting Minutes were read. There was MSP and the minutes were approved as amended.

ADJOURNMENT: 1:20 P.M.

Respectfully Submitted,
Margaret Kehrli, Secretary

the FINE PRINT

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute. Inclusion of articles and announcements does not necessarily imply endorsement by CSI or the Portland Chapter. Opinions expressed in the by-lined articles are the authors and do not necessarily represent the view of CSI, the Northwest Region, the Portland Chapter or the newsletter staff.

Material for publication should be E-Mailed to kuykendall@ccwebster.net or submitted on 3.5" diskettes in Word for IBM or MAC. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785. Address changes to Lee Kilbourn (503) 417-4400.

PORTLAND CHAPTER Advertising Opportunities

BUSINESS CARD ADS: Only \$75 per issue or even better \$500 for the year (11 issues).

INSERTS: Member Price - \$ 250 (Non-Members \$300 or join and \$50 will be deducted from your membership fee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) All advertisements must be approved by the Editor.

THE PREDICATOR STAFF

Editor: Dianne Kuykendall,
Kuykendall Marketing Services

Photography: Randy Tessman

Printer: Echo Printing

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the CONTACTS

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Portland Website
www.portlandcsi.org

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2000-2002	Bob Kenworthy, CSI, CCS, CCCA Tel: 253-931-4826 fax: 253-804-4502 e-mail: bkenworthy@mx.auburn.wednet.edu Auburn School District #408 915 4th Street NE Auburn, WA 98002-4499
2001-2003	Jeff Callahan, CSI, CCCA Tel: 907-786-6425 fax: 907-786-6444 e-mail: afjcc1@uaa.alaska.edu University of Alaska Anchorage PO Box 104882 Anchorage, AK 99510

Region Website
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Technical	Jim Adkins, CSI, CCS.....206-634-0570
Webmaster	Rand New, CSI, CDT.....541-688-5594

NORTHWEST REGION CHAPTER MEETINGS

Cook Inlet, Anchorage, AK (Third Tuesday)	Colin Maynard, CSI.....907-274-2236
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray, CSI.....206-382-3393
Mt. Rainier, Tacoma, WA (First Thursday)	Perry White, CSI, CDT.....1-800-344-8042
Spokane, WA (Second Thursday)	Tom Helton, CSI.....208-665-0572
Portland, OR (Second Tuesday)	Jim Wilson, CSI, CCS.....503-222-1917
Capital, Salem, OR (Third Thursday)	James Ash, CSI.....503-375-3286
Willamette Valley, Eugene, OR (Last Thursday)	Eric Gunderson, CSI, CCS.....541-342-7291
Idaho, Boise, ID (First Tuesday)	Bob Kell, CSI.....208-938-1401

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Date: June 11, 2002, Tuesday

Time: 4:30pm Gather in the Courtyard
5:00pm *SHARP! Tour Shotgun Start*
7:15pm Dinner & Presentation at the
Princeton Building - Ballroom
614 S.W. Eleventh

Location: Brewery Blocks 2
1107 NW Couch Street

Pre-paid Reservations Required!

**Fax your reservation no later than
June 7, 2002 by 5:00pm to (503) 297-3183.**

Checks should be mailed to: CSI, 9578 SW
Morrison St., Portland, OR 97225.
If you have a question, call the CSI Portland
Chapter office at 503-297-2162.