

the

PREDICATOR



PORTLAND CHAPTER 1996-97 AWARD WINNERS!

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VOLUME 37, No. 1

Portland Chapter CSI
Monthly Newsletter



*Advancement
of Construction
Technology*

CRAFTSMANSHIP AWARD

Lein Stanek & Willson P. C.
(Discovery Middle School)

COOPERATION AWARD

Lein Stanek & Willson P. C.
(Most attendance at a meeting)

COOPERATION AWARD IIDA

Cheryl Schneidermann

CERTIFICATE OF APPRECIATION

Jamie Morris

CERTIFICATE OF APPRECIATION

Phyllis Fritzie

PUBLICATION AWARD

Lee Kilbourn

PUBLICATION AWARD

Dianne Kuykendall

OUTGOING DIRECTOR PLAQUES

Jody Moore
Mike Beeson
Larry Chew

PRESIDENT'S CERTIFICATE

Cherie McNabb

PRESIDENT'S CERTIFICATE

Rick Heiserman

SPECIAL AWARD

Jim Hirte

APPRECIATION AWARD (INSTITUTE)

Dale Kuykendall

CHAPTER PAST PRESIDENT AWARD

Dale Kuykendall

ORGANIZATION CERTIFI- CATE OF APPRECIATION

Hoffman Construction
Jim Truax & Adam Bonner

ORGANIZATION CERTIFI- CATE OF APPRECIATION

Fletcher Farr Ayotte, P.C.
George Crandall &
Lynn Hilbert

SPECIAL AWARD

Mary Alice Hutchins FCSI, FAIA
(The first woman with
a double fellowship)

NEW MEMBERS INTRODUCED

Jon Grasle
Susan VerBurg
Rachel Browning
Terri Mackley
Karen Hoffman
Jason Daly

PRESIDENT'S MESSAGE

by Rick Heiserman, CSI, CDT, AIA

The Portland Chapter contingent of 22 people has returned from the CSI National Convention in Orlando filled with new visions and enjoyable experiences. Orlando seems to be working hard at being the biggest at everything from theme parks to conventions. The National Convention had about 9,000 attendees and occupied only a small portion of the one million square foot Orlando Convention Center. During the convention I heard a number of speakers envision life and work with computers in the future being dramatically different than the way we work and live today. For many years the term paperless office has been touted, which I find rather humorous because we seem to create more paper now than we did before computers. Nevertheless, ideas were presented of virtual drawings and specifications where a contractor, subcontractor and supplier could download project documents from the Internet and print out what

may be needed for the project. If specifications made reference to an ASTM number the user could click on that number and retrieve the entire ASTM standard at the job site. One thing I have learned in this business is that it is always changing and perhaps what may be coming will be more dramatic than what we have seen in recent history.

This was my first visit to Florida and two things about the state left an impression. First was the dense and lush vegetation. We experienced some dramatic lightning and rain showers. The storms would develop usually in the afternoon/evening and would last for about an hour and then stop. Plants seemed to appreciate the moisture, 90 degree temperatures and the 90 plus percent humidity. My second impression was waking up in the morning to find condensation on the outside of the windows. Vapor barriers are required on the outside of the walls rather than inside, as we build in the Northwest.

The Institute staff and the Orlando



Chapter did an outstanding job in making this Convention informative, exciting and enjoyable. This year's convention had more exhibit booths, seminars and attendees than any other previous convention. I also feel that as an organization, from the staff to the Board, CSI strives to address and meet the needs of its members. The Convention enabled me to see that more clearly. Next year it will be in Baltimore, Maryland. Hope you can make it. ■

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.

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for IBM or MAC or E-Mail to dalek@emerick.com. For more information, call the Editor, Dianne Kuykendall, Kuykendall Marketing Services, (503) 631-3782 and FAX (503) 631-3785.

Place your Insert in The Predator!

Member Price: \$ 200

For more information contact the Editor. (Non-Members contact the Membership Committee.) Inserts may be 8 1/2" x 11" single sheet or 11" x 17" folded. Other variations must be approved by the Editor.

THE PREDICATOR STAFF

Publication Committee

Inge Carstanjen
Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

Editor

Dianne Kuykendall,
Kuykendall Marketing Services

Printer

Echo Greyhound Printing

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BASIC SPECS

by Ken Searl, FCSI, CCS

Topic for this month's column is EIFS Systems involving wood stud framing installations. Two items got my attention recently. First, a USG factory Rep gave me a copy of a report entitled, "Barrier Clad EIFS Walls: Results From a Moisture Engineering Study." Second, in the February Issue of *Walls and Ceilings Magazine* there is an article on page 14 entitled, "Drainage-Type EIFS" by Bob Thomas of Seattle, Washington. Believe me, both these articles got my attention.

Description of a typical barrier EIFS wood framed clad wall section from interior to exterior is gypsum wall-board, vapor retarder, 6 mil polyethylene (or as required by manufacturer), wood studs, fiberglass filled cavity with OSB or plywood sheathing nailed to exterior side of studs, EPS foam is adhesively bonded to wall sheathing. Foam is coated with a polymer modified cementitious basecoat with mesh embedded in basecoat. Following synthetic finish a "double back" coating of basecoat is applied, then an acrylic synthetic coat stucco finish is

applied. EIFS manufacturers typically recommended that joints at door and window penetrations be sealed using a closed cell backer rod and an appropriate sealant. Drainage-Type EIFS, sometimes called water-managed EIFS; this term is politically correct. (HA!) It is showing up in regulations and product literature and is different than the typical barrier system in that this system provides methods to keep water from entering the wall cavity. Author Bob Thomas states ... "Although barrier-type EIFS has a good track record and will no doubt remain the dominant EIFS for the near future, drainage-type EIFS appears to be the thing to come for wood frame construction."

Drainage-type EIFS engineering study report was a joint effort by USG Research Center in Libertyville, Illinois and the Institute for Research in Construction, National Research Council Canada.

Barrier-type test specimen walls were made on EIFS clad walls with window penetrations including as-built duplicates of installations taken from an actual site, mullion exposed, mullion defect, sealant defect.

Testing concluded that barrier-type

EIFS walls with penetrations under wind driven rain was prone to leak around exterior openings. Tests were also made with same type wall structures with drainage-type water managed walls and no water penetration occurred.

It appears to me that in our Northwest climate we should be specifying the drainage-type for both wood studs and steel studs. Another item is I feel that joint sealants should be located in EIFS specifications and not in a separate specification. I feel that if the EIFS installer was responsible for this item, that it will benefit both installer and owner. If anyone out there has a good specification which includes joint sealants in EIFS or a specifications, please send it to me. Thanks.

Both of these studies show good details including figures of various wall sections with recommendations. If you would like a copy of the USG report contact a USG Rep. Our local USG Rep in this area is Jennifer Link, 365 Fawk Ave., SE Salem, Oregon 97302. Tel: 503-581-6366, Fax: 503-581-2877. If you want a copy of Bob Thomas' article, either locate a copy of *Walls and Ceiling* Feb. 1997 issue or send me a self addressed stamped envelope and I will send it to you. ■

*If you want a copy of my latest revised EIFS Master Specification, which includes joint sealants, let me know.

EDUCATION SUMMARY

by John Lape, CSI, CCS, AIA

The fiscal year 96/97 was another active year in education for the Portland Chapter, CSI. We provided AIA Learning Unit Credits for 53 different programs throughout the year, totalling over 2,000 Learning Units. And, at this year's Products Fair, there were two different Keynote Speakers, with both AIA and IIDA Continuing Education Credits offered.

This past year we had several programs offering high credit values. Most notably of these were the M.O.P. Certification classes and a two-day Contract Administration Seminar (the latter offering 30 Learning Units).

Most people, however, accrue their credits a few at a time. This fits the activities that architects have been doing for years. The difference now is that credits are finally available. With the AIA Continuing Education Program in full swing this year, there has

been a marked increase in the number of box lunch seminars providing credits. Any Portland Chapter CSI member may offer these credits for their presentations. Please call John Lape at 243-2837 for the form.

Next year's educational activities will include a number of seminars in addition to the usual Share Group meetings, certification classes, Products Fair, and other opportunities. For seminar topics being considered, see calendar on page 4. ■

EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Sept. 8 PRSG Lunch Meeting
Sept. 9 Chapter Dinner & "City Hall Jobsite Tour" 297-2162
Sept. 11 SSG Lunch Meeting (2 LU's/HSW)
Sept. 18-21 Region Conference, Coeur d'Alene, (509) 456-6525, (2 LU's/HSW)
Sept. 25 SSG Lunch Meeting (2 LU's/HSW)
- Oct. 13 PRSG Lunch Meeting
Oct. 16 SSG Lunch Meeting (2 LU's/HSW)
**Oct. 21 CSI Dinner Meeting "Permitting for Construction in Oregon"
(2 LU's/HSW) 297-2162 NOTE: Third Tuesday this month.**
Oct. 30 SSG Lunch Meeting (2 LU's/HSW)

Future CSI Events

- Region Conference, Coeur d'Alene, Idaho, September 11-14
Leadership Conference, Puget Sound, April 24-26, 1998
National Convention, Baltimore, Maryland, June 24-28, 1998
Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Other Events

- October 18-25 Architecture Week, AIA 223-8757
October 25-31 Construction Awareness Week, AGC 682-3363

Seminars Under Consideration

- Oct. New AIA Documents
Nov. 14-15 Standard & Electronic Door Hardware
Jan. Division 1
Feb./Mar. Manual of Practice (M.O.P.)
? Special Inspection
? International Code Development

ABBREVIATIONS & CONTACTS

- | | | | |
|------|----------------------------------|------|--|
| HSW | Health, Safety & Welfare credits | PRSG | Product Rep Share Group—Mike Beeson 684-3187 |
| LU's | AIA Learning Units available | SSG | Specifiers Share Group—Bob Easton 228-5617 |

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of *The Predicator*, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

CSI NATIONAL CONVENTION ORLANDO, FLORIDA by Perky Kilbourn, CSI

Once again Lee and I attended the CSI Convention. I found myself comparing the 1985 and 1997 Orlando Conventions. In 1985, there was a Spouse/Guest program when about 300 spouses met for the opening welcome, ate rolls, fruit and coffee, participated in door prize drawings, and went on a tour that included lunch. In 1997, there were less than 50 spouses and guests who met for the opening welcome, ate rolls, fruit and coffee, participated in door prize drawings and then were expected to have separately registered and paid for a tour. There were no tours included with the spouse/guest registration fee; tours were available upon payment of extra fees.

I attended the Professional Development track of the Education Program Matrix and learn about managing stress, presentation skills, networking, and business ethics. All of these were well done and gave me some suggestions which I could use immediately for my business. To stay in business these days, all the techniques which are available must be used to market a business. Stephen Boyd, Ph.D., the speaker on Presentation Skills, gave us an outline of his talk (which was very helpful) as well as making his speech. The talk he gave included material not shown in the outline. His speech seemed to reinforce the ideas that a good presentation will help you get a signed contract.

I heard Don Tapscott, Thursday Morning's Keynote Speech "Beyond Re-engineering - Business Transformation through New Information Technology." Tapscott thinks the new information technology is computers and their associated technology. Tapscott did not say what would happen if brown-outs occur and the computers lose all the information they contain. I kept wondering if there shouldn't be paper backups.

Lee attended sessions on High Performance Glazing (there IS something new under the sun, see www.lof.com); Specifying Spray-Applied Fireproof-

ing (presented by the Secretary of the Metro NYC Chapter); Membership retention; Green Technology (from the City of Austin TX perspective); Avoiding Project Failures (with a 68-page handout); Materials Selection and Testing (according to NAVIFAC, with 52 slides); Firestopping (as established by 3M, with 45 slides); Ecotourism (a design presentation, not much on how the construction process treads lightly); and Wind-Tunnel Testing of Structures (good historical handouts - nothing on current state of specs). Finally, the technical program wound up with an ADA Update, emphasizing civil rights rather than building codes (the speaker ran out of time to get his points across).

The highlight of the Annual Meeting was the announcement that the DuPont Corian booth was the Best Of Show. This booth featured our own Phyllis Fritzie to draw the crowd of attendees from Portland.

The closing speaker was Tom Peters and his topic was "The Pursuit of WOW!". Peters spoke to us while pacing the stage. He made one line statements which seemed to me to be intended to arouse or irritate the audience. A one line statement which I could not disagree with was the change in gender make up of business travelers. About 25 years ago only about 1% of business travelers were women, now it is about 50%. Women are no longer sitting at home being spouses. Women are actively engaged in the work force, which may be why the spouse's program has changed so dramatically.

In conclusion, we had a wonderful time and I look forward to next year's convention in Baltimore. ■



Many members also enjoyed the local Theme Parks!

JUNE DINNER MEETING AND Awards

by Ellen Onstad, CSI

The June dinner meeting of Portland Chapter CSI was held at the City of Vancouver (WA) Marine Park Water Resources Education Center. Tall Jazz provided excellent music for us. A presentation by the architects and contractor was given before dinner. After dinner, President Dale Kuykendall presented awards to many worthy Chapter members. Please see the cover for details of the awards.

The Marine Park Waterfront Development was intended to enhance public use and aesthetic qualities of the treatment facility. This makes it more of a community project with parks and open spaces rather than the "traditional water treatment plant." The designers came up with an interpretive center, overlook, research buildings, and areas to play and fish. The parking areas were also designed to be park-like. The whole place looks more like a park, college or office complex than a wastewater treatment facility.

The project team was led by CH2M Hill with Architects Associative Inc. serving as architectural sub-consultant for the entire work. For the Marine Park Water Resources Education Center, additional consultants included Kramer-Gehlen and Associates (structural), Columbia Consulting Engineers (mechanical and electrical), J. D. Walsh & Associates (landscape), Obert Specifications and Halliday Associates (food service). Shimizu America was the General Contractor.

We can only hope that future water treatment facilities will be as nice as this one. ■



President Dale Kuykendall presenting Special Award to Mary Alice Hutchins.



President Dale Kuykendall and Awards Chair Mike Watson presenting Publication Award to Lee Kilbourn.



Dick Kissick and Larry Chew enjoying a relaxing evening.



Tall Jazz provided terrific music for the evening.

1997 PRODUCTS FAIR

"Great Show"
— Sally Rudd, Emerson Hardwood

"Getting better every year."
— B. J. Holgate, B.J. & Company

"Great show - met a lot of people."
— Huston Eubank, PGE



"The fastest paced show I've ever had."
— Lynne Whitney, Rodda Paint

"Superb organization, great partners in trades, wonderful opportunity to introduce myself and my products."
— Jason Daly, DuPont Flooring Systems

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETINGS
April 28, 1997 (May Meeting)

CALL TO ORDER: The meeting was called to order by President Dale Kuykendall at 12:10 p.m. at the ZGF Office, at 320 SW Oak, Portland.

QUORUM: Yes.

PRESENT: John Lape, Jody Moore, Larry Chew, John Kehrli, Dale Kuykendall, Mike Beeson, Rick Heiserman, Cornelia Gibson, Inge Carstanjen.

ABSENT: Dennet Latham, Linda Joens.

ALSO PRESENT: Lee Kilbourn, Dianne Kuykendall, Bob Easton, Mike Watson.

1. MINUTES: April 1, 1997 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT: John submitted the projected 96/97 financial status and the 97/98 budget forecast.

A. Final 1997 figures will be available after all Products Fair expenses have been paid. The projected losses are partially attributable to the discounted booths at the Products Fair, additional expenses for the Leadership Conference and The Predicator.

B. 97/98 Budget Forecast: An overrun of approximately 10% is expected. Region Conference expenses will be a one time expense contributing to a skewed budget. Motion was made seconded and unanimously approved to adopt the 97/98 budget as presented.

3. CORRESPONDENCE:

A. Bob Kenworthy letter was received, suggesting the continued rotation between Portland, Seattle, and Mt. Rainier as host Chapters for the Leadership Conference.

B. Alana Griffith, Institute Industry Vice President, sent certification material survey.

4. EDUCATION/CERTIFICATION/PROGRAMS:

A. Door and Hardware Seminar is being considered for the latter part of 1997.

B. Lee Kilbourn will be the Delegate Chair for the National Convention in Orlando, FL., June 26-29, 1997.

5. OLD BUSINESS:

A. Leadership Conference: Rick reported that he received mixed reviews regarding the expense of the Conference.

B. Golf Tournament: To date 70 plus golfers have signed up.

C. Directory Update: Lee reported that the Directory data work is complete. 453 members are listed.

6. NEW BUSINESS:

A. Committee Report Process: It was agreed that having a board member liaison for each committee is a good method, however better feedback is needed.

B. Awards: Mike Watson will be in charge of awards. Award considerations are:

- a. Leadership Conference: Rick Heiserman
- b. Products Fair: Cherie McNabb
- c. Best Program: To be determined.
- d. Student showing outstanding potential at Dayton Middle School.
- e. Contractor: Jim Hirte

7. COMMITTEE REPORTS:

A. New Member Orientation will be held during June's Dinner Meeting.

B. AGC would like to mail information regarding their fall "Construction Week Program" to CSI members. Lee will give AGC one set of address labels.

NEXT MEETING: June 2, 1997 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 1:12 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

- President**
Rick Heiserman, CDT 223-1181
- President-Elect**
Igo Jurgens, CSI 223-0992
- Immediate Past-President**
Dale Kuykendall, CCA 777-5531
- Secretary**
Cornelia Gibson, CSI 624-7444
- Treasurer**
Inge Carstanjen, CDT 297-2162
- Exec Director**
Inge Carstanjen, CDT 297-2162
- Director, Professional 1996-1998**
Dennet Latham, CCS 224-6040
- Director, Professional 1997-1999**
Bob Easton, CCS 228-5617
- Director, Industry 1996-1998**
Linda Joens, CSI 274-0086
- Director, Industry 1996-1998**
John Kehrli, CSI 644-7102
- Director, Industry 1997-1999**
Mike Watson, CDT 239-8128
- Director, Industry 1997-1999**
Chris Irwin, CDT 650-0148

COMMITTEE LEADERS

- Archives/Historian**
Margie Largent, CSI 620-6573

- Awards**
Mike Watson, CDT 239-8128
- By-Laws**
Ken Searl, CCS 362-3472
- Certification**
Chris Irwin, CDT 650-0148
- Editor**
Dianne Kuykendall, CSI 631-3782
- Education**
Tim Cockburn, CCPR 666-5544
- Finance**
John Lape, CCS 243-2837
- '98 Region Conference**
John Lape, CCS 243-2837
- Liaison**
Igo Jurgens, CSI 223-0992
- Library**
Perky Kilbourn, CSI 222-5279
- Membership**
Lee Kilbourn, CCS 417-4400
- Nominations**
Rick Heiserman, CDT 223-1181
- Orientation**
Linda Joens, CSI 274-0086
- Planning**
Rick Heiserman, CDT 223-1181
- Product Rep Share Group**
Mike Bceson, CDT 684-3187
- Products Fair**
Cherie McNabb, CDT 888-944-2133
- Programs**
Phyllis Fritzie, CDT 203-9207

- Publicity**
Dianne Kuykendall, CSI 631-3782
- Specifiers Share Group**
Bob Easton, CCS 228-5617
- Technical**
Bob Easton, CCS 228-5617

- Certification**
Dennis Obert, CCS 503-601-0346
- Planning**
Ralph Robinson, CSI 425-868-1922

**INSTITUTE
DIRECTORS**

- Dick Kissick, CCPR 253-759-3801
Dex-O-Tex Division
Crossfield Products Corp.
5249 N. 10th Street
Tacoma, WA 98406
- John Lape, CCS 503-243-2837
Lape Architects
5410 SW Macadam, #270
Portland, OR 97201

**REGION
COMMITTEE LEADERS**

- Archives/Historian**
Margie Largent, CSI 503-620-6573
- Awards**
Mike Amsbury, CDT 509-483-6315
- Education**
Richard Floyd, CDT 206-241-9071
- Membership**
Karen Morris, CSI 208-343-3620
- Publication**
Dianne Kuykendall, CSI 503-631-3782
- Technical**
Carl Grundberg, CDT 907-272-8833

**NORTHWEST REGION
CHAPTER MEETINGS**

- The contacts below are the program chairs or officers of various chapters.
- Cook Inlet, Anchorage, AK
(Third Tuesday)
Frank Rast 907-522-1707
- Puget Sound, Seattle, WA
(Second Thursday)
Relta Gray 206-382-3393
- Mt. Rainier, Tacoma, WA
(Third Wednesday)
Glenda Kelly 206-383-1704
- Spokane, WA
(Second Thursday)
Sherry Harbaugh 509-456-6525
- Portland, OR
(Second Tuesday)
Inge Carstanjen 503-297-2162
- Capital, Salem, OR
(Fourth Thursday)
Mark Bureson 503-390-0281
- Willamette Valley, Eugene, OR
(Last Thursday)
James Wentworth 541-346-2288
- Idaho, Boise, ID
(First Tuesday)
Karen Morris 208-345-3620

**FINANCIAL SUMMARY
by John Lape, CSI, CCS, AIA**

The Chapter Board, at the summer '96 Planning Session, decided that we had more cash reserves as a Chapter than we needed as a non-profit organization. It was decided to spend some of that surplus in two areas.

One decision was to offer a one-time, substantial discount on the price of our Products Fair booths. This was largely to acknowledge the significant financial and other support that the industry/associate members have given to the Portland Chapter for many years. The second element was to fund the difference between the cost of hosting

the '97 Region Leadership Conference and the Region reimbursement. This allowed us to bring in a high quality speaker like Sheila Bimbach.

I am pleased to report that not only were both of these projects very successful, but we were also quite effective in our goal of reducing our cash reserves! The Board has approved the FY 97/98 budget. Committee Chairs should make sure that they contact either myself or a member of the Board for their budget amount, and what it covers.

The Chapter will also reimburse active members for certain Region and Institute activities. However, it is expected that if your company pays

for these activities, then you should not ask for Chapter reimbursement.

The Chapter will pay for active member's National Convention registration fee. This will cover early registration fees for the primary Convention activities (does not cover President's Banquet, pre-convention activities, etc.)

Also reimbursable are active member's registration costs for the Region Conference. Finally, the Chapter will reimburse for lodging costs at the Leadership Conference. The Leadership Conference traditionally has not had a registration fee, and with this year's in Portland, there were no lodging costs. ■

THE PREDICATOR

315 SW 4th Avenue
Portland, OR 97204-2342



Address Service Requested

ROBERT R. KLAS
EKA ARCHITECTS AND PLANNERS, P. C
6775 SW 111TH AVENUE SUITE 20
BEAVERTON, OR 97008

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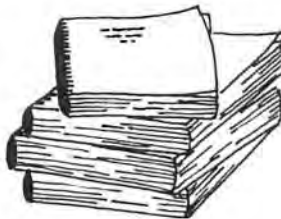


THE REAL WORLD by Ed Loy, CSI, CDT

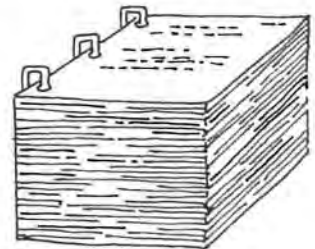
ANATOMY OF A RUSH JOB



THE PROJECT MANUAL



THE PROJECT ADDENDA



THE PROJECT
CHANGE ORDERS

E. LOY
971

the PREDICATOR



CSI, DRAKE CONSTRUCTION AND
SERA ARCHITECTS PRESENT

CSI 1997 Construction Tour City Hall

Tuesday, September 9, 1997

Welcome our City Hall into its second century.

Tour stops include the newly opened light courts, council chambers at the Rotunda, commissioners' offices and the Mayor's suites. Seismic shear walls and steel bracing are still open to view while craftsmen are laying up marble floors and wainscot, restoring the copper coated cast iron stairs, constructing the central bird cage elevator —and more!

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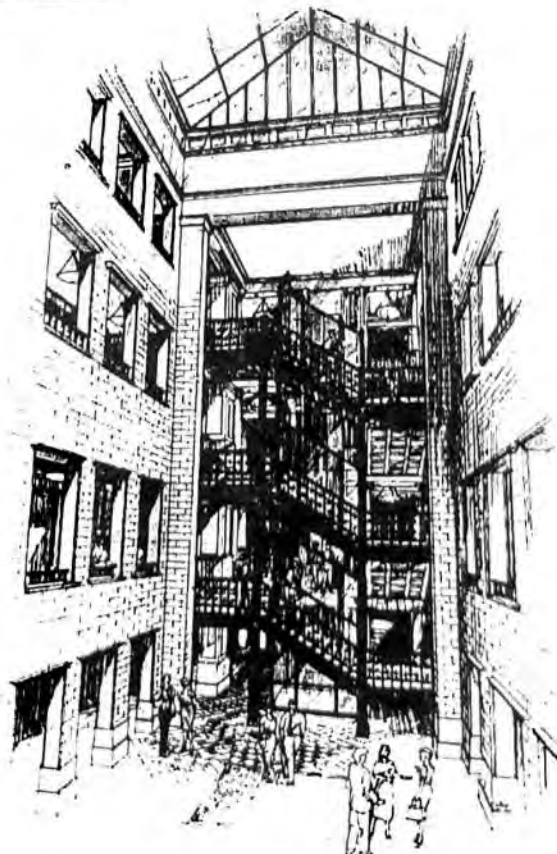
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Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

THE RESTORED
LIGHT COURT



This is a tour of a construction site.
Please wear flat, closed-toe shoes.
You will be required to sign a liability
release form.

Tour groups start at 4:50 pm
(Last tour leaves at 5:45 pm)

Enter the West side through the
construction fence at Salmon & 5th.
The tour will take 1.5 hours and will be
followed by a special

Buffet Dinner at Atwater's
111 5th Ave, 41st Fl. US Bank Tower
There is parking on 4th Ave. at Taylor or
you may want to park at the garage at
5th & Pine and walk or bus up 5th.

Cost: \$ 25.00 per person
(Prepaid reservations only.)

Reservation form is on the back page.
Tour and dinner are the event —
no tours only.
Event is limited to the first 150 people.
Registration must be received by
September 5.

Reserve now to see this exciting project.
See you at City Hall!



PRESIDENT'S MESSAGE by Rick Heiserman, CSI, CDT, AIA

The Portland Chapter of CSI has begun a new year. With your participation, working together, we can continue to build a successful organization.

The Board of Directors and Committee Chairs met on July 25th to discuss Chapter business, as well as short and long term planning for the coming year. Inge Carstanjen submitted her one-year agreement with the Chapter to continue as Executive Director. It was unanimously accepted. John Lape presented the Chapter budget for 1997/1998. As planned, we spent more revenue than was brought in last year. Needless to say, expenditures will be carefully evaluated for this year. Financially, the Chapter is very sound and we anticipate continuation of the level of service and quality of programs that we've enjoyed in the past. We also discussed the 1997 Region Conference in Coeur d'Alene, Idaho on

September 11-13. The Chapter will reimburse members for registration, as we want to encourage attendance. The Portland Chapter will host the 1998 Region Conference to be held at Salishan on the Oregon Coast.

At the planning meeting we looked at the big picture in regards to how the Chapter is addressing and meeting member needs. We then developed 10 goals which the Chapter will strive to meet to enhance service to you, the members, as well as to industry in general. Some goals are short term, while others may take years to accomplish. The Committees then broke into small groups to develop action plans to address these goals. It is our intent to evaluate these action plans in the Spring to determine if the goals were met.

During my attendance at the National Convention in Orlando last month, members from other chapters around the country commented on what we are doing in Portland.



Our membership is one of the largest, our monthly meetings are well attended and we have provided good seminars. I do feel good that we are noted as a successful chapter and hope that we can continue to do more as a chapter to influence our industry in a positive way. Let me encourage each of you to participate in committees to help reach these goals we established at the planning meeting this summer. ■

THE PREDICATOR is the monthly newsletter of the Portland Chapter of The Construction Specifications Institute.

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For more information contact the Editor. (Non-Members contact the Membership Committee.)

Inserts must be 8 1/2" x 11" single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

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BASIC SPECS

by Ken Searl, FCSI, CCS

In a previous column, I discussed how our recently acquired large kitten kept knocking my answering machine off my desk. I gave up and left it on the floor under my desk. I soon decided that getting down on my knees to check out the answering machine was definitely not fun. After lots of thought I pulled the answering machine up through the center of the desk and placed it in the top left hand drawer. I said to myself, "at last I outsmarted that rascally cat." Not quite, he couldn't raise it up enough to get it out of the drawer but he then walked over the answering machine and hit the Play Message button. This is very disconcerting especially after we have gone to bed and are sleeping. Everything is now under control now that the cat can't push the Play Message button. I am beginning to have a respect for that darned cat.

Last week we took a two night bus trip to the Crater Lake and Grants Pass, Oregon areas and stayed at the reconstructed Crater Lake

Lodge. The Portland architectural firm did a great job on this building and if they haven't they should win an award. One item that caught my attention is that rooms not ADA equipped need a grab bar on the long back wall of tub enclosures. I was traveling with a tour group of 42 people and the average age of our group was approximately 72 years old. I discussed this item with several of our group and they agreed that it would be much better if hotel/motel rooms are equipped with either a standard grab bar or a heavy duty towel bar two to three feet in length installed in all tub enclosures. ADA requirements do not apply. A few years ago I probably wouldn't have given this matter much thought. Believe me, I sure do now that I am over 39. I am writing a letter to the Crater Lake Lodge manager explaining my position on this matter. As one of the leading CSI Northwest Region Rabble Rousers I will be bringing this item to the attention of many people. This column is one method.

I recently returned from the 1997 CSI Convention in Orlando, Florida. As usual our convention was a great success. We attended

the President's Banquet and observed our own Jim Chaney receive his fellowship. Orlando has a very large convention center. There was somewhere in the vicinity of 8,000 CSI attendees in one end, the middle section had over 30,000 square dancers (as a previous square dancer and amateur caller I had a hard time not joining their group activities) plus there was another group in the far end. Total count was no doubt between 40,000 to 50,000 people in attendance.

In my local newspaper they now have a small column with short sayings and I quote some of them: "There are three kinds of lies: lies, damned lies and statistics." "Sometimes I wake up grumpy, other times I let her sleep." "When she told me I was average she was just being mean." Definition of a baby: A loud noise at one end and no sense of responsibility at the other." My choice for the best one was "When the chips are down, the buffalo is empty." One of my friends said they had stolen some of my type of humor, but I can't buy that. ■

TECHNICAL NEWS

by John Lape, CSI, CCS, AIA

1997 is a landmark year for a number of building code and related issues. First, the revised AIA documents are scheduled for release October 16, 1997. This will coordinate with the local Architectural Week, which will have a seminar on the new documents.

The last version of the UBC is already in print. The submittal date for

Oregon Amendments was August 1, 1997. I am also one of many reviewing the draft of the year 2000 International Building Code, which consolidates the three national codes into one document. From what I have seen thus far, this will have a huge impact on the construction industry locally. None of the six chapters that I have reviewed contain any UBC language. It appears that all of the occupancy, type of construction, exiting, and building limitations language, came from other model codes. Second, the

2000 Code is going to be far more performance based than what we are used to.

Finally, I am also on an advisory committee for the rewriting of the City of Portland Development manual. This is the 1" ring white binder that is intended to explain the permit process in the City of Portland. This process is expected to extend into 1998, and I welcome any comments that readers might have. ■

EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Sept. 8 PRSG Lunch Meeting
Sept. 9 **Chapter Dinner & "City Hall Jobsite Tour" 297-2162**
Sept. 11 SSG Lunch Meeting (2 LU's/HSW)
Sept. 18-21 Region Conference, Coeur d'Alene, (509) 456-6525, (2 LU's/HSW)
Sept. 25 SSG Lunch Meeting (2 LU's/HSW)
- Oct. 13 PRSG Lunch Meeting
Oct. 16 SSG Lunch Meeting (2 LU's/HSW)
Oct. 21 CSI Dinner Meeting "Point - Counterpoint"
(2 LU's/HSW) 297-2162 NOTE: Third Tuesday this month.
Oct. 30 SSG Lunch Meeting (2 LU's/HSW)

Future CSI Events

- Region Conference, Coeur d'Alene, Idaho, September 11-14, 1997
Leadership Conference, Puget Sound, April 24-26, 1998
National Convention, Baltimore, Maryland, June 24-28, 1998
Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Other Events

- October 27-31 Architecture Week, AIA 223-8757
October 25-31 Construction Awareness Week, AGC 682-3363
December 1-6 CEU Procrastinator's Week, AIA 223-8757

Seminars Under Consideration

- Oct. New AIA Documents
Nov. 14-15 Standard & Electronic Door Hardware
Jan. Division I
Feb./Mar. Manual of Practice (M.O.P.)
? Special Inspection
? International Code Development

ABBREVIATIONS & CONTACTS

- | | | | |
|------|----------------------------------|------|--|
| HSW | Health, Safety & Welfare credits | PRSG | Product Rep Share Group—Mike Beeson 684-3187 |
| LU's | AIA Learning Units available | SSG | Specifiers Share Group—Bob Easton 228-5617 |

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

'97/'98 PORTLAND CHAPTER CSI DINNER PROGRAMS

- Oct. 21st** — "Point - Counterpoint"
(Third Tuesday)
- Nov. 11th** — "Design Build: A Real Project"
- Dec. 16th** — "Holiday Cruise"
(Third Tuesday)
- Jan. 13th** — "The State of the Economy in
our Region"
- Feb. 10th** — "Team Building"
- Mar. 10th** — "Happy Birthday CSI — A walk
through the last 50 years and a
look to the future"
- April 14th** — "Manufacturing Better Building
Products in Oregon"
- May 7th** — "CSI Products Fair"
- June 9th** — "CSI Summer Festival"

'97/'98 PORTLAND CHAPTER CSI DIRECTORY DISTRIBUTED

Hopefully you have all received your new '97/'98 CSI Directory. If you see anything that should be changed, please let Lee Kilbourn know and it will be incorporated in the next update.

Lee Kilbourn
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320 SW Oak St. Suite 500
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Fax 503-224-2482
E-Mail lkilbourn@zgf.com (revision)

SUSTAINABLE BUILDINGS NORTHWEST: BREAKING THROUGH THE BARRIERS

Economic prosperity continues to fuel growth in the construction industry which now represents over 12% of the GDP. There are costs to this growth, as the construction industry consumes 40% of our natural resources and energy, while producing 35% of the greenhouse gases, and generating 28% of the municipal solid waste.

To help make sustainable construction practices the standard, Public Technology, Inc. (PTI) and the City of Seattle, present Sustainable Buildings Northwest, a regional conference and trade show scheduled for October 27-29 at the Seattle Center. For more information, see the web site: <http://pti.nw.dc.us/envcl.htm>. Or, you can contact O'Brien & Company, Conference Coordinator at (206) 842-8995. ■

AGC CONSTRUCTION AWARENESS WEEK '97

The Associated General Contractors, Oregon-Columbia Chapter is proud to present Construction Awareness Week '97, a new event featuring numerous educational events and seminars, a trade show, and the black tie SIR Awards Dinner — the "Academy Awards of the Construction Industry." The activities start on October 27 and run throughout the week. For more information or registration forms, please contact AGC's event organizers, EWE-Me & Co. at (503) 644-5614. ■



EDUCATING FOR THE 21ST CENTURY

by Donald F. Walton

As I grow into Senior Citizen status, or as young people might say, "A moving fossil," I begin to reflect on what kind of legacy I might leave. I would hope that with the educational experience I have gained in life, I might be able to provide some insight to future generations on what I feel would be a positive direction to go. I feel the most important issue we can face is the education of people of all ages.

I had the distinct pleasure and most rewarding experience, set up for me by Dr. Yvonne Katz, Superintendent of Beaverton Schools. Dr. Katz arranged for me to attend both Aloha and Sunset High Schools and meet with the principals and/or administration and visit various classes which were of interest to me. I became C.E.O. for the day. The purpose was to bridge the gap between what goes on in schools and the business community. If you want an eye opener, try this some time. I have never seen more dedicated principals and teachers. I found out quickly how dedicated our people are from the Superintendent's office right on down.

At Sunset High School, outside Principal Rick Miller's office, was the Beaverton School District Mission statement. It states, "It is the mission of Beaverton School District 48J to meet the educational needs of each student in its schools and to provide a quality education which prepares each student to become a productive member of the community." This is a powerful statement. Think about it! Have we reached the goal as stated in this Mission Statement? I think not!

I make the following comments in order to make my case: I'm in construction. Right now I can't get my hands on properly trained carpenters and trades people skilled in our line of work. I'm not the Lone Ranger. This holds true for nearly all general contractors and subcontractors in the State of Oregon. Many firms have a bounty of \$100 or more, to any employee who brings in a qualified carpenter for hire.

I maintain that the Oregon Education Act for the 21st Century is not addressing the issue of preparing students to face the real world. I point to the fact that the new evaluation process of Certificates of Initial Mastery (C. I. M.) and Certificates of Advanced Mastery (C. A. M.) do not address properly the majority of students who do not go on

and complete a college or university program. I found in the years 1995-96 that 26,570 students graduated with a regular standard diploma. 29,751 additional students were given other types of "graduation certificates." This makes a total of 56,321 students leaving high school. One has to ask what happens to the 53% who do not get a regular diploma. Do they have the skills to become gainfully employed in a vocational line of work? Further, I find at the college/university level in the 1995-96 year, 12,694 students graduated with the following degree certificates: 197 Associate Degrees, 9,073 with a Bachelor Degree, 2,690 with a Masters Degree, 386 with a Doctorate Degree, 164 with a Professional.

I find now that the average age for people going into carpenter apprenticeship programs with the unions is 27. What happened between the time they graduated and when they enroll an apprenticeship program? Why can't we get qualified people through the union or State programs? Why aren't we building schools to train students who make up the 78% who do not go on to college and graduate, and train them for a career in construction? Why are students dropping out of schools? Why do kids join gangs or have nothing better to do but to do graffiti? Why do kids get bored in school and loose sense of direction or get involved in drugs? We can leave a great legacy and create jobs, eliminate juvenile delinquency and inspire kids to gain the schooling necessary to get a good job. They can become "productive members of the community," if we work with our school officials, State and National Legislators to:

1. Change the Davis - Bacon Act to allow companies to develop Certified Training Programs starting with students at about the time of the evaluation for C. I. M. Certificates. This subject is a day long discussion for those who would like to be involved.
2. Bring students in during the Summer months into our Sales / Marketing, Project Management, Accounting, Office Career and, most importantly, Carpentry job positions. Point out to them what they will need to study in school in a drafting or math class. Give them a reason to want to learn, knowing full well that they will have a job waiting for them each Summer and full time when they graduate. This must be a program developed by business, education and government. Do we care? Do we want to look back on our lives and know we left a great legacy? If we don't care, I hate to think where our civilization is headed. I challenge any one of you to get involved with me. Let's light just one little candle and maybe we can light up the world! What a legacy this would be to leave to the next generation. ■

SHALOM - NOTES FROM ISRAEL

DCVR - RFI - IR - ?

by David R. (Skip) Brown III, CSI, CCS

Design Clarification/Verification Request, Request for Information, Information Request: it does not matter what you want to call this type of formal communication between construction and design. Some design people take exception to the title of a DCVR as it implies that design is not clearly defined or complete in the contract documents. I agree that this does occur in contract documents, and more often in Design/Build contract documents. But whatever the title of the request, communication between design and construction is a necessity during the construction process.

The development of the contract documents for construction projects are often with little input from those who actually will be contracted to do the work. Even negotiated contracts, with general contractors, often do not have input for design from their subcontractors. After contract award, there maybe efforts of Value Engineering due to schedule, product availability or incentives built into the contract to find savings during construction. Review and acceptances of these alternative products, methods or systems causes misfit with other designed elements of the project. The need for communication becomes quickly apparent following award of contract.

I am aware in the past of some general contractors, having discovered a number of discrepancies in contract documents, saving their inquires until after being awarded the contract, and then immediately deluge the designer with DCVR/RFI/IR requests. The primary intent of this tactic is to establish justifiable grounds for adds to the contract. Some might consider this good business sense, however it is a very short-sighted method if they wish to remain in the construction business. The complexity of building projects makes contract administration difficult enough without making purposefully subversive tactics to increase costs of the construction contract.

Communication between Design and Construction formally begins during bidding. Questions arise and

answers to these questions are responded to in the form of Addenda. Any reasonable discrepancy that may be incorrectly interpreted receives a response. The question and answer should be made available to ALL bidders. Entertaining product substitution requests during bidding requires that enough time is available for Design to review the proposed information. If this is not possible during the bid period, then to create a level bid environment, these alternates should be listed separately for consideration AFTER award to the successful bidder. There is a period of negotiation before signing of contract when any or all of the alternates may be included in the modified contract.

During construction, clarifications are always required. Here in Israel the need seems to be much greater. Product availability is less, however. The willingness of subcontractors to provide custom solutions is a normal business practice. The alternates are often driven by economics. Shipping and taxes can make specified products noncompetitive with local supplies. The caveat is that the alternate suggested needs more graphic and descriptive definition. And the first production of the alternate is culturally viewed as a mockup requiring signoff/acceptance by the design discipline. This effort is more time consuming. It does however offer ample opportunity for your education. What you assumed about paint, valves or whatever, you now need to know almost everything about the product or standard specified in order to evaluate the alternate offered. This coupled with a proud and independent people makes you become very sure of where you stand with respect to what is and is not acceptable for the project.

The DCVR/RFI/IR process can be a very effective tool for both design and construction. It may only be a clarification for the subcontractor, a comment that may allow someone to view the task in a different light. When the client is involved in this process it may also become control documentation, possibly for changes in the contract scope. A DCVR/RFI/IR is a very valuable, quick and responsive tool that should first remain true to the reason for its existence. ■

**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
June 2, 1997**

CALL TO ORDER: The meeting was called to order by President Dale Kuykendall at 12:05 p.m. at the AIA/CSI Conference Room.

QUORUM: Yes.

PRESENT: John Lape, Jody Moore, Larry Chew, John Kehrl, Dale Kuykendall, Mike Beeson, Rick Heiserman, Dennet Latham, Linda Joens, Cornelia Gibson, Inge Carstanjen.

ABSENT: None

ALSO PRESENT: Lee Kilbourn, Dianne Kuykendall, Bob Easton, Mike Watson, Igo Jurgens.

1. MINUTES: April 28, 1997 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT:

A. Board reviewed the the 97/98 budget and unanimously approved same as presented. Final copy will be available at the Summer Planning Session.

B. Final Leadership Conference report was given by Rick. He noted that not all printing expenses have been received and that final cost was below budget.

3. CORRESPONDENCE:

A. Institute sent agenda for the Annual Meeting which is to be held on June 29, 1997 at the Orange County Convention Center.

B. Information regarding Construction Specifications Canada Convention in Vancouver B.C. was received and distributed to those thought to be interested in attending.

C. Invitation to a "President's Breakfast" at the National Convention in Orlando was extended to Dale, Rick and Igo.

D. Jim Dufala sent inquiry regarding Contractor Certifications. Dale informed him and his organization that CSI has the CCCA Certifications available for contractors.

4. EDUCATION/CERTIFICATION/PROGRAMS:

A. Phyllis Fritzie and her committee have scheduled monthly meetings for the coming year as follows:

September - City Hall Tour

October - Permitting for Construction in Oregon

November - Oregon Prison Construction Update

December - Holiday Cruise

January - Economy in Our Region

February - Team Building

March -

April - Construction Products Mfg in Oregon

May - Products Fair

June - Awards Festival

June/July - Golf Tournament

5. OLD BUSINESS:

A. Golf Tournament: This year's Tournament is expected to generate some profit as a result of hole sponsorship. Board recommended that the Golf Tournament be more of a fund raising event. As such, however, a much larger committee will be needed.

B. Directory Report: Printing of the Directory is expected to start Thursday, June 5, 1997.

6. NEW BUSINESS:

A. Awards: Membership pin recipients who have been CSI members for 10 years and who are not present at the awards dinner will get their pins mailed to them. This year's award recipients will receive a special invitation to the dinner meeting.

B. Regional Awards: Mike Amsbury of the Spokane Chapter is in charge of Region Awards and has contacted the Portland Chapter for nomination suggestions in the following award areas: Frank Stanton Memorial, Certificate of Appreciation, Organization Certificate of Appreciation, Citation, Cooperation, Specification Proficiency, Education, Technical Excellence, Newsletter Excellence, Publications Commendation, Directors Citation.

C. National Awards will be received at the Orlando Convention. Portland Chapter Directory and Specifiers Guide will be given the Publication Commendation.

D. 1998 Region Conference: Board discussed effectiveness of a video or slide presentation as a means to promote awareness and attendance.

7. COMMITTEE REPORTS:

A. New Member Orientation will be held during June's Dinner Meeting.

B. Summer planning session will be held on July 25, 1997 at the Metropolitan Housing Center at 15555 SW Bangy Rd., Lake Oswego, OR. The Meeting will start at 2:00 p.m. for Board Members and 4:00 p.m. for Committee Chairs. After thanking all Board Members and Committee Members for their excellent response and work throughout the year, Dale turned the gavel over to Rick Heiserman at 12:55 p.m.

NEXT MEETING:

After the Summer Planning Session, the next regular Board Meeting will be held on September 2, 1997 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 12:55 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
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Igo Jurgens, CSI 223-0992
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- Director, Industry 1996-1998**
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- Director, Industry 1997-1999**
Mike Watson, CDT 239-8128
- Director, Industry 1997-1999**
Chris Irwin, CDT 650-0148

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- Awards**
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- By-Laws**
Ken Searl, CCS 362-3472
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- '98 Region Conference**
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- Orientation**
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- Planning**
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- Product Rep Share Group**
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- Products Fair**
Cherie McNabb, CDT 888-944-2133
- Programs**
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- Publicity**
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- Technical**
Bob Easton, CCS 228-5617

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Lape Architects
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- Certification**
Dennis Obert, CCS 503-603-9346
- Planning**
Ralph Robinson, CSI 425-868-1922

**NORTHWEST REGION
CHAPTER MEETINGS**

- The contacts below are the program chairs or officers of various chapters:
- Cook Inlet, Anchorage, AK
(Third Tuesday)
Frank Rast 907-522-1707
- Puget Sound, Seattle, WA
(Second Thursday)
Relta Gray 206-382-3393
- Mt. Rainier, Tacoma, WA
(Third Wednesday)
Glenda Kelly 206-383-1704
- Spokane, WA
(Second Thursday)
Sherry Harbaugh 509-456-6525
- Portland, OR
(Second Tuesday)
Inge Carstanjen 503-297-2162
- Capital, Salem, OR
(Fourth Thursday)
Mark Burleson 503-390-0281
- Willamette Valley, Eugene, OR
(Last Thursday)
James Wentworth 541-346-2288
- Idaho, Boise, ID
(First Tuesday)
Karen Morris 208-345-3620

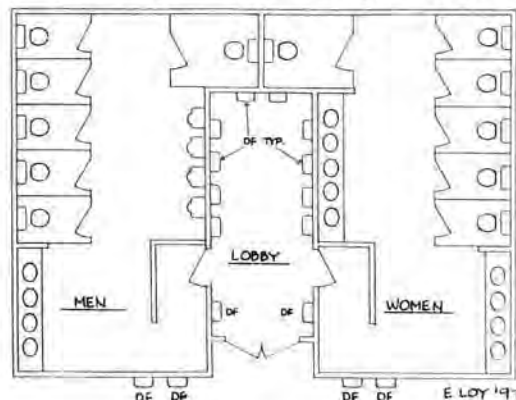
**KEN SEARL COMPLETES REGION PLAN
CENTER DIRECTORY!**

Now available, for the cost of a stamp and envelope is the complete (as far as he knows) list of the plan centers in the Northwest Region. This list is be invaluable to architects, contractors, and owners. If you'd like a copy, please send a SASE to:

Ken Searl, FCSI, CCS
3100 Turner Road, SE #416
Salem, OR 97302

If you have any questions of Ken, he can be reached or faxed at (503) 362-3472.

THE REAL WORLD by Ed Loy, CSI, CDT



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Fax your reservation no later than September 5th.

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If you have any questions, please call (503) 297-2162.





the PREDICATOR



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VOLUME 37, No. 3

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

CSI Portland Chapter has been and continues to be an avid supporter of Architecture Week (October 18th - 25th). We would like to continue this tradition by inviting you to participate in a special dinner meeting on Tuesday, October 21. We will focus on issues of regional government, land planning and growth management. These are areas where Oregon and Portland have been admired nationwide as innovators and leaders for 25 years.

In an initiative measure sponsored by Oregon Taxpayers United (OTU), Oregonians may be asked to vote to prohibit regional governments, and to dissolve the METRO. CSI's October meeting will look at Metro, the directly elected regional government of Clackamas, Multnomah and Washington counties. Metro provides regional growth management, transportation planning and land-management services. Our speakers, Presiding Officer of the Metro Council, Jon Kvistad and Councilor Susan McLain will tell us how other cities coordinate regional planning, or don't. They will also provide some comparisons of the regional approach to growth management and planning on the county and city levels, the cost effectiveness of the regional government alternative, and other aspects of this issue.

This will be a non-technical discussion to provide general information on important issues of great concern to the residents of Oregon's most densely populated region. CSI neither endorses nor opposes the OTU initiative, but does wish to encourage members and the public to be well informed on this issue which has serious implications for both the construction industry and our communities.

We look forward to seeing you at this most informative event.

Tuesday, October 21st,
5:30pm - 9:00pm
5:30pm New Member Orientation
Atwater's Restaurant, 41st Floor
U.S. Bancorp Tower
111 S.W. Fifth Avenue
(see back page for reservation form)

PRESIDENT'S MESSAGE

by Rick Heiserman, CSI, CDT, AIA

In conjunction with Architecture Week the October meeting for the Portland Chapter of CSI will examine the subject "With or Without Metro."

This is a timely subject in light of a ballot measure currently being promoted by Bill Sizemore to abolish the Tri-County governmental agency as we know it today. I feel it's important to understand what Metro is and how it works to make an informed decision on this important ballot issue.

Metro provides a range of services that cross the traditional boundaries between 24 cities and three counties in the region. Metro's primary mission is to manage growth in this region.

Transportation and land-use planning are key elements in managing that growth. The agency also manages regional parks and greenspaces; operates the Metro Washington Park Zoo; oversees regional garbage disposal, recycling and waste reduction programs; and provides technical

services to local governments. Metro oversees operation of the Oregon Convention Center, Civic Stadium, Portland Center for the Performing Arts and the Expo Center, all managed by the Metropolitan-Exposition Recreation Commission.

That is Metro in a nutshell. It is the only one like it in the country. It is my understanding many municipalities around the country are envious of the Metro-like framework. It facilitates planning for local cities and governments for use of natural resources, transportation issues and growth.

However, these services and management cost money to run and operate. In addition, as with any governmental agency, it has some control over how we live and conduct business as residents of the region. Should we throw it out? If so, what, if anything, would happen to these services? What type of community will we have for the current residents of the region (and the anticipated 500,000 more in the next ten years) without a planned framework of growth? Will the 24 cities within this region be concerned



about their needs only? At the risk of sounding extreme is it possible that without Metro the three counties could have some similarities to Los Angeles?

Like a lot of people I struggle at times where to cut back the tax dollars and still maintain planned, rather than chaotic growth. Please plan to attend the October meeting to become better informed, along with me, about these vital issues that affect our way of life. ■

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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to dalek@emerick.com. 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.

Place your Insert in The Predator!

Member Price: \$ 200

For more information contact the Editor. (Non-Members contact the Membership Committee.)

Inserts must be 8 1/2" x 11" single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

THE PREDICATOR STAFF

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Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

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Dianne Kuykendall,
Kuykendall Marketing Services

Printer

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Bs BY Ks

BASIC SPECS

by Ken Searl, FCSI, CCS

In my previous discussions regarding vapor retarders under interior concrete slabs on grade, much discussion centered on whether or not to place a 2 inch sand layer over vapor retarder prior to pouring concrete (My answer to this is and always has been, no sand please). What wasn't discussed is placing a 3 to 4 inch granulated compacted fill over vapor retarder.

It appears we have pros and cons out there on this subject. I have given this a lot of thought and research and I suspect granular fill can hold moisture plus it is costly to purchase and place. I have been told that granular fill is recommended because it gives a compacted base and can handle construction work and traffic prior to pouring concrete.

If one is concerned with no sand or gravel over vapor retarder then in my opinion it would be much better to place a thicker, stronger, and more rigid vapor retarder directly over compacted soil. Gravel or sand underneath is not necessary unless sharp rocks or protrusions are present.

I recommend types currently being manufactured by either W. R. Meadows "Sealtight" or Tremco/Mameco "Paraseal LG." Both these systems resist construction activities and do not puncture very easily. I believe both products require manufacturers' approved installers and inspections.

If you would like a copy of a paper regarding vapor retarders under interior concrete slabs on grade, let me know and I will send you one. I presented at a Slab Moisture Workshop in Portland, Oregon in March 1997.

In *The Predicator* Newsletter for July/August Ed Loy's *The Real World* cartoon entitled... "Anatomy Of A Rush Job" show three items, The Project Manual, The Project Addenda and The Project Change Orders. What Ed forgot was DCVR's RFI's or similar items. These can become a voluminous pile of paper. In Ed Loy's cartoon for the September issue of *The Predicator*, Ed shows a drawing entitled... "If Plumbers Designed Buildings." Drawing indicates large Men's and Women's rest rooms and a small lobby full of drinking fountains. My wife says it doesn't seem to matter who designs rest rooms they never

give the women enough toilets. Drawing indicates 5 toilets for women and 5 toilets for men plus 4 urinals. She feels this is discrimination or at least not recognizing that women require a longer time spent in rest rooms. A good example of this is (unless they have corrected this situation since we last attended) at the Performing Arts building in Eugene during an intermission. Huge lines occur at the women's rest room but either no line or a small line occurs at the men's rest room. Ed, keep those great cartoons coming.

CSI Northwest Region now has available a Plan Center List of Plan Centers within Northwest Region including Alaska, Idaho, Washington, Oregon and Montana plus northern portions of California and Utah. You may obtain a copy of this list from plan centers, CSI Chapters, Northwest Region Directors or Ken Searl at 3100 Turner Road SE #416, Salem OR 97302 Tel/Fax 503-362-3472. Alan Shelmerdine of Puget Sound Chapter and yours truly designed an RFI form (Section 01312 Project Meetings) that will slow down these voluminous requests mentioned above. If you would like a copy, contact Ken or Alan. ■

AGC CONSTRUCTION AWARENESS WEEK '97

The Associated General Contractors, Oregon-Columbia Chapter is proud to present Construction Awareness Week '97, a new event featuring numerous educational events and seminars, a trade show, and the black tie SIR Awards Dinner — the "Academy Awards of the Construction Industry." The activities start on October 27 and run throughout the week. For more information or registration forms, please contact AGC's event organizers, EWE-Me & Co. at (503) 644-5614.



EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Oct. 13 PRSG Lunch Meeting
Oct. 16 SSG Lunch Meeting (2 LU's/HSW)
Oct. 21 CSI Dinner Meeting "Point - Counterpoint"
(2 LU's/HSW) 297-2162 NOTE: Third Tuesday this month.
Oct. 30 SSG Lunch Meeting (2 LU's/HSW)
- Nov. 10 PRSG Lunch Meeting
Nov. 11 CSI Dinner Meeting "Design Build: A Real Project"
(2 LU's/HSW) 297-2162
Nov. 13 SSG Lunch Meeting (2 LU's/HSW)
Nov. 14-15 Door Hardware Seminar by DHI (32 LU's/HSW) 243-2837
Nov. 20 SSG Lunch Meeting (2 LU's/HSW)

Future CSI Events

- Leadership Conference, Puget Sound, April 24-26, 1998
National Convention, Baltimore, Maryland, June 24-28, 1998
Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Other Events

- October 18-25 Architecture Week, AIA 223-8757
October 25-31 Construction Awareness Week, AGC 682-3363
December 1-6 CEU Procrastinator's Week, AIA 223-8757

Seminars Under Consideration

- Oct. New AIA Documents
Jan. Division I
Feb./Mar. Manual of Practice (M.O.P.)
TBA Special Inspection
TBA International Code Development

ABBREVIATIONS & CONTACTS

- | | | | |
|------|----------------------------------|------|--|
| HSW | Health, Safety & Welfare credits | PRSG | Product Rep Share Group—Mike Beeson 684-3187 |
| LU's | AIA Learning Units available | SSG | Specifiers Share Group—Bob Easton 228-5617 |

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

'97/ '98 PORTLAND CHAPTER CSI
DINNER PROGRAMS

- Nov. 11th** — "Design Build: A Real Project"
- Dec. 16th** — "Holiday Cruise"
(Third Tuesday)
- Jan. 13th** — "The State of the Economy in
our Region"
- Feb. 10th** — "Team Building"
- Mar. 10th** — "Happy Birthday CSI — A walk
through the last 50 years and a
look to the future"
- April 14th** — "Manufacturing Better Building
Products in Oregon"
- May 5th** — "CSI Products Fair"
- June 9th** — "CSI Chapter Awards"

AIA ARCHITECTURE WEEK
OCTOBER 18 - 25

- Sat. Oct. 18** — "Architect's Office Tour"
- Sun. Oct. 19** — "Architect's Home Tour"
- Tues. Oct. 21** — "CSI Dinner Meeting"
- Wed. Oct. 22** — "A201/B141 Sneak Preview"
- Thurs. Oct 23** — "High Performance Glass
Workshop"
- Fri. Oct. 24** — "Jury Presentation and Critique
Session"
- Sat. Oct. 25** — "Design Awards"

For more information, call the AIA Office at
223-8757.

• The 1998 Products Fair is pleased to announce •
The Portland Chapter of American Institute of Architects will join with
The Portland Chapters of CSI and IIDA for the 1998 Products Fair



THE AMERICAN
INSTITUTE OF
ARCHITECTS



*Advancement of
Construction
Technology*



The 1998 Products Fair will be a joint effort of the three leading organizations in design and construction documents. The Products Fair will also be expanding in the future to contain a one day product exposition followed by a day of education seminars. These events will provide AIA and IIDA Continuing Education Learning Units. The CSI keynote speaker will also be listed on the AIA Spring Lecture Series.

The addition of AIA to the Products Fair partnership should strengthen the Products Fair and increase participation by the Architectural community. The alliance with AIA continues a long history of liaison activities including joint meetings, seminars, participation in Architecture Week, sharing of office space, and other activities of our associations.

CITY HALL TOUR — CSI by Ellen Onstad, CSI, CDT

On September 8th, the City Hall was open for the CSI tour before the September dinner and meeting. This was the least complete project that the Chapter has toured.

The project started back in 1992 when the City of Portland Bureau of General Services asked the City Council to fund an analysis to determine what should be done. The City Hall needed many things to be ready for the 21st Century. The least expensive option would be to bring the building into compliance with the ADA. The most expensive would be demolition, and building or leasing a new building. The decision was made (and a good case was made for the decision during the tour) to do an historic renovation, a building restoration, and a seismic upgrade.

SERA Architects, the firm that did the analysis, was selected to do the design work. Their team included Skip Stanaway, Principal as Project Architect, Becca Cayell, Architect and Doug Ouderkirk, Architect. For CM/GC services, Drake Construction Company was selected, with Kelly Roth as Project Manager.

The tour guides explained that in order to renovate the City Hall, everything that will not be required at completion must be removed. First built in 1895, it has gone through many renovations and remodeling projects. An early renovation filled in the light courts and created more office space. Unfortunately, that made the first floor a dark place. Another project in the 1930's consisted of reorienting the Council Chamber and blocking off some windows.

When we walked the site, it was clear that it was a work in progress. The faux marble columns have been boxed with foam and wood to protect them. The floor had plywood protecting the newly replaced marble. The scaffolding was still up in one of the light courts and it was possible to see the seismic shear walls and steel bracing. One of the

stops for the tour was with Rene Condiff, PE with kpff Structural Engineers. She explained some of the requirements applicable to a building this old. At another stop on the tour we saw renderings of the historical lighting fixtures to be made by George King Associates. They were beautiful, but heavy, and he had a challenge to use energy efficient lamps and still blend with the historical fixtures. Portland General Electric helped solve this problem. Another stop was with Fred Shearer and Sons, Inc. who did the insulation, EIFS, lath, plaster, gypsum wallboard and acoustical work for the building. Luckily, the mold from one of the renovations was found in the warehouse of Fred Shearer and Sons. Instead of making a new mold, the original could be used. For some of the other sections, Architectural Reproductions made new moldings and the workers made invisible transitions with the existing.

The building has a tentative completion date of April 1998. The City will begin moving back in December 1997. I think it will be great when it is complete - can we have another tour at that time? ■



L - R: Rachel Browning, Mike Watson, Jody Moore, Randy Tessman, Sally Rudd, Jim Rother, Tom Holgate, B.J. Holgate and Carol Nelson.

SHALOM - NOTES FROM ISRAEL

IS IT SAFE?

by David R. (Skip) Brown III, CSI, CCS

I am often asked many questions about Israel, but the real question usually is "is it safe?" Some people ask "How is it working over there?" or "How do you feel about working there?" So let us be blunt.

Is it safe? Actually, I am truly amazed at how much peace there seems to be in Israel.

Young people in the service are very evident. You will see them carrying their rifles everywhere. In the mall, on the bus or at the bus stop and in restaurants. It is at first disconcerting but after you have been around a while you begin to realize that the level of personal safety is very high, so it does not bother you.

Hitchhiking is prevalent everywhere. Most all the young Army/Air Force people hitchhike. At bus stops you can see them pointing to the ground with their index fingers. This says "could you please stop for me - here!" And people of all ages and occupations do the same finger pointing! I stopped at an intersection for the red light and two high school girls came up to the window and talked to me. Hebrew I really don't understand much, but they got their point across when I said I was going to Tel Aviv. Apparently that was the direction they were going because before I could take a breath they were in the car buckling their seat belts.

In the evening you can be almost anywhere and feel safe. Children are usually out until 1 AM, walking the streets or on the beach. A very few parts of Tel Aviv or Jerusalem would not be safe to be on the street at 1 AM, but the rest of the city and country it is quite safe. And because women ARE equal in this country there is little fear for them being out alone late at night. I have heard of no child kidnappings. There have been very few civilian murders. One event occurred where two hikers were found murdered. It was solved and the murderer found (it was a crime of

passion). The level of civilian violent crime is extremely low. Theft is the only crime one needs to be concerned about, as one should be in any country of the world.

Perhaps only two conditions/places are threatening. The terrorist bombings are covered in every newspaper world wide. These events occur generally where there are many people present. This translates into Malls (Canyons here), Shuks (market places), or most any place where many people gather. The latest suicide bombing by three terrorists on the Jerusalem pedestrian mall are repugnant examples. This 'war' of the Hisbola, Hamas and other Arab factions will not disappear soon. So, if you desire these pedestrian dense places on a weekend you must accept the possibility of such an attack. But I believe these occurrences do not come close to the violence in any similar American mall or gathering of people.

The other unsafe place to be is in your car. Automobile accidents are treacherous. The possibility of death or injury due to accidents is great as many are head on accidents. Last week, a young woman in our office died in a head-on collision. Just three days prior, she had gotten married, and many here in the office went to the wedding, and then some went to the funeral! Although many drivers have 20 years experience driving, they do not have the experience on sophisticated road systems. And most drivers are young, and with very little driving experience. You can spot anyone learning to drive as a symbol is attached to the bumper. The 'teacher' may be a family member, relative or friend who already has their license to drive. So, driving education has little uniform guidelines.

Welcome to a safe Israel (but watch the road)! ■

'97 NORTHWEST REGION CONFERENCE COEUR D'ALENE, IDAHO by Perky Kilbourn, CSI

This report of the 1997 Northwest Region CSI Conference is being written as we return to Portland from Coeur d'Alene. "Technology Safari" was an appropriate theme-name for these almost three days of seminars and quick pitches organized by the Spokane Chapter of CSI.

The Keynote Speaker was Bernard Daines, founder of Packet Engines, Inc., a networking system company focused on the Gigabit Ethernet market. Gigabit Ethernet technology is the ability of computers at different locations to work together in a network toward a common goal at speeds not previously attainable. CSI members could easily understand that their common goal is getting buildings built which will satisfy their owners. The computers that are networking belong to the Architect/Specification Writer, Contractor, and Manufacturer's Representative, Owner, Suppliers, and Subcontractors.

A Quick Pitch for Pella Windows and Doors was next given by Mike Gilgore. Gilgore reinforced the Technology theme by advising that Pella will supply Electronic Data so that users will not have to enter Pella data manually.

James Justin Taylor, Program Manager in Engineering Division, Headquarters, US Army Corps of Engineers, Washington DC presented the Corps of Engineers "Electronic Bid Sets Project." This again reinforced the Technology theme by letting Manufacturer's Representatives and Subcontractors obtain Electronic Bid information. These Manufacturers' Representatives could then examine the Electronic Bid set on their own computers. For example they could use a key word search for the specification of their products through out the document. Electronic Bid Sets can be printed as paper documents at a Plan Center and other locations if you do not have the ability to read an Electronic Bid Set.

Taylor's two-part presentation was separated by a Quick Pitch on Sonneborn by Bob Sparks and Mike McDermott. As with the first Quick Pitch the emphasis was divided between the products and how the company was using computers to provide electronic information on the products to the Industry.

Lunch included a speaker who traveled along the equator across Africa. He used various means for his travels and some of his experiences were indeed unique.

After lunch, Greg Turner, a Ph.D. student in Construction Management at Washington State University discussed the concept of Virtual Construction. Electronic Construction Documents can be updated as the building is being built. The Electronic Construction Document at the conclusion of construction will be for the "as built" situation and can be used for life cycle evaluation and later up-grades. Anyone using the Electronic Construction Documents should have the ability to zoom in on an area and determine how it was actually constructed so that it can be modified in the most efficient way.

Jeff Simms of G. L. Simms and Associates did a Quick Pitch on Finish Hardware. He provided one bit of trivia which I found fascinating - Do you know what LCN of LCN closers stands for? (*LCN = Lewis C. Norton*)

The last speakers for the day were Richard E. Eustis, PE, FCSI, immediate Past National President and Dominique Fernandez of the CSI staff. My general impression is that Construction Technology is advancing and CSI is at the cutting edge. The session then was divided into Roundtables. I attended the one on Education and got a lot of good ideas.

Saturday morning started with a Quick Pitch on Fields Roofing and then Mark Morris from Ron Lloyd Associates presented a program on Virtual Reality, Video Animation and applications for Designers, Contractors and Technical Representatives. Computers are now able to allow you to feel like you are walking through a building when in fact it will be all done by computers - exciting!

A Quick Pitch on Technical Glass Products was given before the Coordinating Council and Region Business Meeting.

The afternoon was devoted to Box Lunches and Sherwin Williams Ice Cream Boat Cruise on Lake Coeur d'Alene.

The final event was the Awards Banquet. Jim Adkins gave his Director's Citations to Ken Searl, John Lape, Paul Edlund, Karen Morris and Ed Storer. Puget Sound received the Chapter Growth Award, Portland Chapter the Publications Commendation and Spokane Chapter the Newsletter Excellence Award. Cooperation Awards went to IIDA of Oregon and Washington for the efforts with Products Fairs Washington Council PDCA received an Organization Certification of Appreciation. Education Awards were given to Richard Floyd and David Walter. A Certificate of Appreciation was presented to Ron Eakin and Jim Chaney received the Frank Stanton Memorial Award.

Spokane Chapter did a great job! ■

INSTITUTE NEWS

THE NEW CONSTRUCTION SPECIFIER UNVEILED IN SEPTEMBER

Have you seen the New Construction Specifier (CS), yet? The magazine has changed its look and broadened its focus to help all nonresidential building design and construction practitioners work together productively.

The monthly magazine's new mission is to be the authoritative resource on the processes, products, and relationships for the four teams involved in nonresidential construction projects — the owner team, the designer team, the supplier team, and the constructor team.

CS's content now extends beyond technical issues to address the relationships between and among the four teams. For example, an article in the September issue discusses the opportunities and obstacles of building commissioning — a multi-disciplinary process to ensure that a building's systems are designed, installed, and ready to operate as intended.

More space in CS is devoted to reporting and analyzing industry news and technology. For example, the September issue evaluates the impact of the Environmental Protection Agency's new air-quality standards on the construction industry.

"The construction process is evolving rapidly and getting more complex. Stakeholders interact differently. Reflecting the changing operating environment and CSI's mission to serve the industry as a whole, we did a top-to-bottom redesign of the magazine's look and content. We've made it a more visually appealing resource with content that fosters productive working relationships among all practitioners. At the same time, we've preserved the strong technical foundation for which the magazine is so well known," said Anne Scott, CS editor. ■



CERTIFICATION NEWS

IT REALLY IS WHAT YOU KNOW THAT COUNTS!

by Chris Irwin, CSI, CDT

Members and non-members alike should seriously consider the benefits of certification. The Institute recently sent a mailing to members describing the certifications available.

It is never too early to sign-up for CSI certification exams. This year, it even pays to be early! Sign-up before December 1 and save \$50 on your exam fees. All applications are due by January 31, 1998.

Construction Documents Technologist (CDT)
 Certified Construction Specifier (CCS)
 Certified Construction Product Representative (CCPR)
 Certified Construction Contract Administrator (CCCA)

Once again, the Portland Chapter will be offering classes to assist you in preparing for the exams.

For more information please contact Chris Irwin at 503-650-0148. ■

MEMBERSHIP NEWS

ARE YOU WATCHING YOUR MAILBOX FOR THE FY'97 SPONSORSHIP POSTER?

It's on its way, so get your pen ready to fill out the Sponsor Section of the application and pass it on to a likely candidate for CSI membership. The program works the same as last year, with one Grand Prize winner and a drawing to determine the winners in the other categories. 25-CSI-dollar certificates, redeemable on CSI products and services, will again be awarded for each new member sponsored.

Start thinking now of the people you've met recently who could learn a thing or two from CSI and who in turn could offer some interesting insights or innovative thinking, or who would be willing to volunteer their time to advance the construction industry. Good luck! ■

PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
July 25, 1997

CALL TO ORDER: After welcoming the 1997/98 board members, President Rick Heiserman called the meeting to order at 2:10 p.m. at the Home Builder's Assoc. Office Building at 15555 S.W. Bangy Rd, Lake Oswego, Or.

QUORUM: Yes.

PRESENT: Rick Heiserman, John Kehrl, Dale Kuykendall, Linda Joens, Cornelia Gibson, Inge Carstanjen, Igo Jurgens, Bob Easton, Chris Irwin, Dennet Latham, Mike Watson.

ALSO PRESENT: Lee Kilbourn, John Lape, Dianne Kuykendall.

1. MINUTES: The June 2, 1997 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT: John Lape reviewed the 1997/1998 budget and recommended that each Committee review their budget line items. Should any overages be expected, the Committee chair-person should contact John or Rick. Other notable items discussed were:

A. This budget does not include any discounts for the 1998 Products Fair.

B. This year, additional seminars will be offered to meet the Chapter's goal of increased educational possibilities, while at the same time providing additional income.

C. Continued employment of our Executive Director, Inge Carstanjen, is included in the budget. It was noted that having an Executive Director greatly adds to the viability and effectiveness of our Chapter. Inge then highlighted her Chapter Operations responsibilities. They include maintaining the telephone directory, keeping the membership list updated, taking reservations for all activities, preparing binders for all seminars, maintaining all business files, etc. The position requires approximately 30 work hours per month and is remunerated @ \$500.00 per month. Other benefits are free CSI membership and Dinner Meetings.

MOTION: Upcoming AIA Architectural Week in the fall of 1997 was discussed and a motion was made, seconded and unanimously approved to again sponsor this event for \$2,500.00.

3. CORRESPONDENCE: None

4. EDUCATION/CERTIFICATION/PROGRAMS: No reports were given.

5. OLD BUSINESS:

A. Emeritus Status was granted to Mr. Deane L. "Bud" Smith.

B. Nominees for NW Region Industry Directorship position with a 3 year term are being sought.

C. Comments for the 42nd Annual Convention in Baltimore are needed. Interested parties, please contact Rick Heiserman.

D. Institute requested date for Chapter Products Fair.

6. NEW BUSINESS:

A. Publication of a book about Mary Alice Hutchins is being evaluated by several members. The project would be spear-headed by Dr. Perky Kilbourn

B. Atwaters has notified Chapter of upcoming dinner cost increases. Board discussed raising dinner prices to attendees but decided to hold dinner prices at current levels because the Dinner Meetings are our most public outreach. Other fundraising events will be considered to help offset the additional expenses. One item of discussion was the use of table top displays for a fee of about \$100.00 per meeting.

C. Region Conference in Coeur d'Alene will be held September 11-13. Chapter will pay the registration fee for attending members. It was recommend to make hotel reservations as soon as possible. CSI block rooms, at a more advantageous fee, are limited. Anyone interested in attending and riding along in John Lape's bus, please call him.

D. NW Region Planning Committee suggested a special student registration rate of \$95.00 for the 1998 NW Region Conference.

E. Voting Delegates required for the NW Region Conference are two persons for the Coordinating Council and one for the Nominating Committee.

F. 96/97 Region Report will be prepared by Rick and Inge.

G. 1998 NW Region Conference: John reported that Salishan Lodge has set aside eighty rooms with special block rates. Cut off date for these special rates is August 1, 1998. The Conference will emphasize team building. Registration costs are somewhat high and sponsorships will be needed to keep cost contained.

H. Inge is planning to set up a Chapter Web Site.

I. Our newly elected Institute Director, John Lape was congratulated on his new position. He briefly outlined his goals and responsibilities in this new capacity. During his three year term John hopes to bring information from the Chapter level to the Institute, rather than reverse. He suggested that some of the basic needs have been somewhat forgotten. John remarked that Portland is an exceptional Chapter with dynamic leadership where younger members are encouraged. Any concerns members have, please let John know.

J. In commemoration of CSI's 50th Anniversary in 1998 the March Dinner Meeting may be planned in celebration of this event.

K. Membership Directory: Lee thanked all for helping him win the trip to Baltimore. He reminded everyone that the new membership campaign starts September 1st.

L. Committee Reports: Rick will fax agenda issues for committee level accomplishments. He feels that the Board needs to concentrate on running the Chapter and to a lesser degree concern itself with Committee reports. Per our bylaws, any Standing Committee should file a final committee report by the May Meeting. This system helps with goal setting, action plans and consistency. Also, evaluation of accomplishments, unfinished business, and unnecessary items becomes easier.

NEXT MEETING: September 2, 1997 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 3:55 p.m.

Respectfully Submitted,
Cornelia Gibson, Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

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- President-Elect**
Igo Jurgens, CSI 223-0992
- Immediate Past-President**
Dale Kuykendall, CCCA 777-5531
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- Director, Industry 1997-1999**
Mike Watson, CDT 239-8128
- Director, Industry 1997-1999**
Chris Irwin, CDT 650-0148

COMMITTEE LEADERS

- Archives/Historian**
Margie Largent, CSI 620-6573

- Awards**
Mike Watson, CDT 239-8128
- By-Laws**
Ken Searl, CCS 362-3472
- Certification**
Chris Irwin, CDT 650-0148
- Editor**
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- Finance**
John Lape, CCS 243-2837
- '98 Region Conference**
John Lape, CCS 243-2837
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- Technical**
Bob Easton, CCS 228-5617

- Certification**
Dennis O'bert, CCS 503-603-9346
- Planning**
Ralph Robinson, CSI 425-868-1922

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Tacoma, WA 98406
- John Lape, CCS 503-243-2837
Lape Architects
5410 SW Macadam, #270
Portland, OR 97201

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- Awards**
Mike Amsbury, CDT 509-483-6315
- Education**
Richard Floyd, CDT 206-241-9071
- Membership**
Karen Morris, CSI 208-343-3620
- Publication**
Dianne Kuykendall, CSI 503-631-3782
- Technical**
Carl Grundberg, CDT 907-272-8833

**NORTHWEST REGION
CHAPTER MEETINGS**

- The contacts below are the program chairs or officers of various chapters.
- Cook Inlet, Anchorage, AK
(Third Tuesday)
Frank Rast 907-522-1707
- Puget Sound, Seattle, WA
(Second Thursday)
Relta Gray 206-382-3393
- Mt. Rainier, Tacoma, WA
(Third Wednesday)
Glenda Kelly 206-383-1704
- Spokane, WA
(Second Thursday)
Sherry Harbaugh 509-456-6525
- Portland, OR
(Second Tuesday)
Inge Carstanjen 503-297-2162
- Capital, Salem, OR
(Fourth Thursday)
Mark Burlison 503-390-0281
- Willamette Valley, Eugene, OR
(Last Thursday)
James Wentworth 541-346-2288
- Idaho, Boise, ID
(First Tuesday)
Karen Morris 208-345-3620

**SEARL'S REGION PLAN CENTER
DIRECTORY NOW AVAILABLE
THROUGH AGC FAX-ON-DEMAND!**

AGC is now providing the Region Plan Center Directory through their Fax-On-Demand system. Just dial 503-685-8311 and follow the instructions to request document #115.

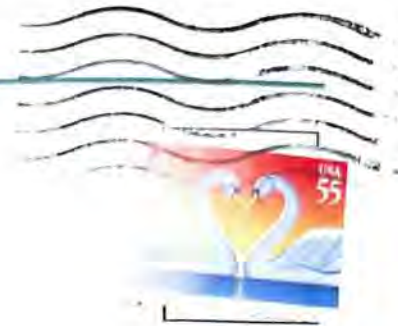
THE REAL WORLD by Ed Loy, CSI, CDT



THE PREDICATOR

315 SW 4th Avenue
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Amount _____ (Preregistration \$25 per person — Walk-in \$30 per person)

Cardholder Name _____

Card Number _____ Expires _____

Authorized Signature _____

Please make nametags for my guest(s) _____

Fax your reservation no later than October 17th.

• FAX (503) 297-3183 •

Checks may be mailed to: 9578 SW Morrison St. • Portland, OR 97225

If you have any questions, please call (503) 297-2162.

the **PREDICATOR**



BUILDING TOWARD THE FUTURE: THE DESIGN/BUILD PROCESS

By the year 2000, industry experts predict that 50% of all competitively bid projects will use the design-build method. How will this trend change what we do in order to secure work in the future?

Architects & Specifiers — How do you market your services to the owner and contractor so that they will consider your firm to design new work? What are the legal issues involved with the new relationships required of this process? What about designer-led design-build contracts?

Product Representatives — How do you sell to an unseen owner/architect? How and where do you look for business and track jobs? How can you be a member of the design-build team?

These are some of the questions that will be addressed by Edward Wundram AIA, CSI of the Design Build Consulting Group, a national expert on the subject of design-build requirements. Mr. Wundram instructs public and institutional owners on the management of the design-build process, as well as consulting architects and engineers on the role of the owner's design-build consultant or "design criteria professional."

Design-build projects that Mr. Wundram has participated in as design criteria professional have included the Hawaii Convention Center, the largest single public works contract ever undertaken by the State of Hawaii, and the Harold Washington Library in Chicago, the largest municipal library in the world. Regional projects include the Portland Building and the Federal Courts Facility at Union Station in Tacoma.

Mr. Wundram is currently writing the RFP and performance specifications for a 900 unit family housing development for the University of California, Berkeley. His firm has recently been selected to develop design-build procurement procedures, contracts and performance specifications for the Federal Bureau of Prisons.

Come with your questions about this challenging way to do business. Be prepared to receive an education that will benefit you and your firm in the not-too-distant future.

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VOLUME 37, No. 4

Portland Chapter CSI
Monthly Newsletter

**Tuesday, November 11th,
5:30pm - 9:00pm**

**Atwater's Restaurant, 41st Floor
U.S. Bancorp Tower, 111 S.W. Fifth Avenue
(see back page for reservation form)**



*Advancement
of Construction
Technology*

PRESIDENT'S MESSAGE

by Rick Heiserman, CSI, CDT, AIA

In September, twenty individuals from the Portland Chapter traveled to Coeur d'Alene, Idaho for the 1997 CSI Northwest Region Conference. Perky Kilbourn gave a very complete review of the Conference in the October issue of The Predicator. I would like to add some additional thoughts. The theme of the Conference was "Technology Safari." A number of interesting ideas were presented on how we will likely be conducting business and communicating construction information in the future. The Federal government has begun issuing contract documents on CD's for bidding. This process will likely be replaced by sending documents through the Internet. The user (bidder) will pay to have a hard copy. Three dimensional animation will become more "virtual" and the development cost will decrease. Our office has been using three dimensional animation for a few years and I feel it has been an effective way to explain

design issues to clients and users. It seems clear that in recent years we have transitioned into a significant technology change which will continue to evolve dramatically for the foreseeable future.

With the advent of the personal computer and fax machines the speed of information has dramatically increased. This will continue with the universal use of E-mail and transmission of documents via CD's and the Internet. We are expected to react to information more quickly. I have a certain amount of apprehension because I know that with information moving faster the amount of time we have to deal with that information will be shortened. Time lines become shorter and the scope of work increases over what we have experienced in the past.

In spite of my apprehension, this is the way we will do business. One has to embrace these changes in order to keep pace with our changing world. The sooner one has knowledge of new



or changing information the greater the ability one has to deal with it. I feel CSI has been and will continue to be a vehicle providing information on changes to its members in the construction industry.

This year, CSI is celebrating 50 years of existence. During the beginning of our Chapter meetings and our March meeting we will be reflecting on the development and impact CSI has had on the construction industry. ■

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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to dalek@emerick.com. 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.

Place your Insert in The Predicator!

Member Price: \$ 200

For more information contact the Editor. (Non-Members contact the Membership Committee.)

Inserts must be 8 1/2" x 11" single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

THE PREDICATOR STAFF

Publication Committee

Inge Carstanjen
Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

Editor

Dianne Kuykendall,
Kuykendall Marketing Services

Printer

Echo Greyhound Printing

BS BY KS

BASIC SPECS

by Ken Searl, FCSI, CCS

Every now and again, I find some items in specifications that in my opinion should have never been there in the first place. No, I don't make up these gems. I find them many times down at Ye Olde Plan Center plus I receive many of them from some of you good folks (Believe me, one can glean lots of various types of information at a Plan Center). I picked this gem up at a Plan Center and it reads as follows: "It is the responsibility of the Contractor to check the drawings for errors or omissions and to adapt them to any specific State or local regulations, or site conditions."

This next gem sent to me in the mail reads is part as follows: "Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings."

Another gem as follows: "The Contractor is directed to carefully examine the locations of the work and to make specific inquiry of the Owner, companies or individuals owning, controlling or operating any pipes, conduits or other structures and to determine, to his own satisfaction, the character, size, position and length of such pipes, conduits, tracks of any Municipal Department having cognizance and control of pipes, conduits, tracks and other structures, and to make further personal investigation as he may deem proper, to determine the correctness of such information so obtained. The Owner does not insure the accuracy of such information and the contractor shall not make any claims against the Owner for damages, or extra work, caused or occasioned by his relying upon such records, reports, or information, either as a whole or in part, finished by the Owner or any Municipal Department or Commission, private company or individuals." It seems that it would be less wordy and more simple to phrase all of this by saying "Anything that is right on the drawings is to be considered right, anything that is

wrong shall be discovered by the Contractor, and shall be made right without telling on the Architect/Engineer or indicating it on any claims or statements." How about the phrase: "Do the work to the entire satisfaction of the Architect."

Last and final gem is one of my favorites which reads as follows: "Prior to the end of the pre-bid conference each Bidder will have raised all questions needed to have been raised in order to achieve the degree of clarity required." I just can't believe that anyone who writes this kind of information actually believes it will do the job without possible litigation. It also seems to me that spec writers should keep in mind that Contractors need to make a profit to stay in business and they sure don't need all this vague responsibility passed on to them. ■

**CSI NATIONAL CONVENTION
BALTIMORE, MARYLAND
JUNE 1998**

ATTENTION EXHIBITORS —

Reserve Space Now!

Exhibit space is going fast for CSI's 42nd Annual Convention and Exhibit. Celebrate our 50th anniversary in Baltimore.



EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Nov. 6 SSG Lunch Meeting (2 LU's/HSW)
Nov. 10 PRSG Lunch Meeting
Nov. 11 CSI Dinner Meeting "Building Toward The Future: The Design/Build Process"
(2 LU's/HSW) 297-2162
Nov. 14-15 Door Hardware Seminar by DHI (30 LU's/HSW) 243-2837
Nov. 20 SSG Lunch Meeting (2 LU's/HSW)

Dec. 8 PRSG Lunch Meeting
Dec. 11 SSG Lunch Meeting (2 LU's/HSW)
Dec. 16 CSI Dinner Meeting "Holiday Cruise" 297-2162
(please note 3rd Tuesday)

Future CSI Events

- Leadership Conference, Puget Sound, April 24-26, 1998
National Convention, Baltimore, Maryland, June 24-28, 1998
Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Other Events

- November 7 Hammurabi Awards Lunch
Contact: Masonry/Ceramic Tile Institute 224-1940
November 17-21 OBOA Fall Educational Institute 503-873-1157
November 19 "Sliding Doors in a Means of Egress" An Analysis of Recent Changes to the Model
Building Codes, 12pm-5pm, R.S.V.P. by Nov. 10th, (15 hrs. of AIA credit)
Contact: Jim Sheehan 206-726-9449, Tracy Beck 800-453-8494
December 11-13 CEU Procrastinator's Week, AIA 223-8757, CSI 243-2837
New AIA A201 and B141 documents
Codes, ADA, Fire/life Safety, Seismic
KETIV Class
Financial Management

Seminars Under Consideration

- Jan. Division 1
Feb./Mar. Manual of Practice (M.O.P.)
TBA Special Inspection

ABBREVIATIONS & CONTACTS

- HSW Health, Safety & Welfare credits
LUs AIA Learning Units available
PRSG Product Rep Share Group—Mike Beeson 684-3187
SSG Specifiers Share Group—Bob Easton 228-5617

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

'97/'98 PORTLAND CHAPTER CSI DINNER PROGRAMS

- Nov. 11th** — "Building Toward The Future
The Design/Build Process"
- Dec. 16th** — "Holiday Cruise"
(Third Tuesday)
- Jan. 13th** — "The State of the Economy in
our Region"
- Feb. 10th** — "Team Building"
- Mar. 10th** — "Happy Birthday CSI — A walk
through the last 50 years and a
look to the future"
- April 14th** — "Manufacturing Better Building
Products in Oregon"
- May 5th** — "CSI Products Fair"
- June 9th** — "CSI Chapter Awards"



HOLIDAY CRUISE DECEMBER 16TH

With the chill in the air and the snow beginning to blanket Timberline Lodge our CSI elves are busy planning our annual "Holiday Cruise". This year's cruise will be aboard the top deck of the Portland Spirit. The voyage will begin with a tour of the Willamette River. It will continue on with a wonderful dining experience and dancing in the moonlight. Mark your calendars, don't miss out this year! Tickets will go on sale for our December 16th cruise beginning November 1st. Cruise occupancy is limited to 130 people and all tickets must be prepaid.

A PRESIDENTIAL VISIT JANUARY 15, 1998

Bob Molseed, FCSI, FAIA, CCS, the current CSI Institute President, will be visiting the Capital Chapter at their dinner meeting January 15, 1998. Our Region has been fortunate to have had the immediate past-President at several of our Region Conferences. To have the current President visit, during his term, presents an exceptionally rare opportunity.

Mr. Molseed has a true vision for the future of our association. One of the many key decisions to be made during his term will be where the association headquarters will be located.

For further information, and reservations, please call Mark Burleson at (503) 390-0281.

MOVE UP WITH CSI CERTIFICATION AND YOUR REWARDS WILL BE MANY.

The Portland Chapter will reward any member passing a 1998 certification exam (CDT, CCS, CCPR OR CCCA), with \$100. Non-members passing the exam will have 30 days to join the Portland Chapter of CSI (as full membership) to be eligible to receive the \$100 payment.

Remember to register for the exam by December 1 and save \$50 on the registration fees.

The CSI certification examinations will be given on April 4, 1998. For more information, call Chris Irwin at (503) 650-0148

INSTITUTE NEWS THE FOUNDING OF CSI

On March 8, 1948, The Construction Specifications Institute was incorporated as a non-profit organization. The first official meeting was held on April 15, 1948, at the Federal Security Auditorium in Washington, DC, to elect officers and adopt bylaws. James B. Moore was elected the first president of CSI. Two membership classifications were established — active and associate. The Institute had 45 active members at this time and dues were \$5. The business office was located at 1825 K Street in Washington, D.C.

As its purpose, the Institute devised five priority goals: to improve specifications writing, simplify specifications, standardize building codes, standardize specifications for government work at all levels, and study new materials and processes to substitute for those made more costly or scarce by World War II.

The first standing committees, appointed on April 26, 1948, included a publications committee, a public relations committee, and a nominating committee of active members.



*James B. Moore, FCSI
1948-50*

TECHNICAL NEWS FROM MIRROR TO WINDOW

Ronald P. Griessen, a physicist at Free University in Amsterdam, and his colleagues have discovered a metallic thin film that can be switched from a reflective mirror to a transparent window.

The researchers made the discovery while working on an unrelated project—studying superconductivity in hydrogen under extreme pressure and low temperature. According to Griessen, they were exposing yttrium hydride to hydrogen when the sample disappeared. It became almost invisible while the film was absorbing hydrogen. According to the physicists, thin films of yttrium or lanthanum hydrides,

when exposed to hydrogen, quickly become insulators rather than metals. The film loses its reflective metallic sheen and changes into a transparent sheet. The scientists have found that they can reproduce the effect at room temperature and lower pressure.

The switchable mirror consists of a 500 nm thick film of yttrium dihydride coated with a 20 nm protective layer of palladium. Philips, the electronics manufacturing company, reportedly is trying to patent the technique. Although years away from actual application, the material may eventually prove useful for electronic switches, solar cells, optical sensors, and even residential windows.

—Science News, March 23, 1996

INDUSTRY NEWS U.S. EXPORTERS FACE MANDATORY USE OF METRIC

Beginning January 1, 2000, all products sold in the European Union (EU) must be labeled and specified in only metric measurement. Dual measurements will no longer be accepted, and U.S. exporters will no longer be allowed to list inch-pound or other non-metric measurements on any shipment.

The National Institute of Standards and Technology (NIST) offers a Metric Program as a guide to U.S. exporters. The program offers information, leadership, and assistance on metric conversion and use for state and local governments, businesses, standards organizations, trade associations, and educators.

The Metric Program coordinates the metric conversion activities of all federal agencies and includes the 1988 amendments to the Metric Conversion Act of 1975. For further information contact Gerard Iannelli, director, Metric Program, NIST; (301) 975-3690, or fax (301) 948-1416, or e-mail metric_prg@nist.gov.

—ANSI Reporter, September 1997



Portland Chapter



PROFESSIONAL DEVELOPMENT

Advancement of
Construction Technology



The Portland Chapter of CSI Presents a two-day seminar on:

• DOOR HARDWARE •

WHEN: Friday & Saturday, November 14 and 15, 1997 - 8:00am - 5:00pm each day
Check-in and continental breakfast @ 7:30am

WHERE: World Trade Center, Pacific Room, 121 SW Salmon, Portland, OR

AIA CEU: 30 LU's

ADD. INFO: John Lape 243-2837, registration Inge Carstanjen 297-2162

FEE: Advance registration is \$205.00, including lunches and seminar material.
Additional attendees from one firm; \$10.00 discount.
Registration at the door, \$225.00

This seminar will present a comprehensive course on door finish hardware:

- Hanging Devices
- Locks & Trim
- Exit Devices
- Door Closers
- Door Controls
- Gasketing
- Codes & ADA
- Materials & Finishes
- Keying
- Electronics
- Access Control

There will be a time set aside for hands-on demonstrations of door hardware. The Door and Hardware Institute (DHI) will provide the following hand outs:

- *Lock Function Chart
- *Consultant listing brochure
- *ADA brochure (related to hardware)
- *Condensed NFPA 80 (related to hardware)
- *Condensed NFPA 101 (related to hardware)

SPEAKER: Joe Lesniak, DAHC Joe is from Virginia and is the Technical Director for the Door & Hardware Institute.

REGISTRATION FORM

• DOOR HARDWARE •

Company: _____

Address: _____

Phone# _____ Fax #: _____

Registrants: _____ AIA #: _____

_____ AIA #: _____

_____ AIA #: _____

_____ AIA #: _____

TOTAL REGISTRATION: \$ _____ .00

Return form and check to : CSI, 9578 SW Morrison, Portland, OR 97225
or FAX with VISA/ MC # _____ exp. date ___/___ to 503-297-3183

SHALOM - NOTES FROM ISRAEL

DAILY LIFE IN ISRAEL

by David R. (Skip) Brown III, CSI, CCS

I guess after living here for over a year now, I should write a bit about the daily occurrences. It may be somewhat random, but that is how you encounter life here in Israel. Where to begin? The days of the week tell us a lot about how life here may differ from elsewhere in the world.

The week begins on Sunday (Reshon) and ends on Thursday (Hamishi). The word for Thursday actually means five! Friday is the first day of the weekend and the activity of the day begins quickly. Everyone goes out shopping for stuff, food, clothes and having lunch. The Shuk is open, in full swing. People everywhere buying everything. In the Shuk you can buy almost everything. Fruit, chicken (guts too if you want) shoes, toothpaste, clothes, anything. It is hot, muggy and you have to endure the bump and close proximity of lots of people to brave the Shuk!

Then the day dramatically slows down around 2 PM. Why? Shabbat is coming! Shabbat (Saturday) begins at sundown. Sundown is precisely defined (in the newspaper) for various locations throughout Israel. All the shops, markets, banks and other business begin to close in the early afternoon in preparation for Shabbat. From sundown Friday to Sundown Saturday most of the country is closed observing Shabbat. And heaven help you, if you have forgotten to purchase some essential ingredient for the meal that evening or the following Saturday! Forgetting to buy butter can be viewed as a serious offense.

This phenomenon of the observance of Shabbat is really the exact opposite of the typical, Christian weekend enjoyed in the US and elsewhere in the world. Getting used to it has even been difficult for those westerners who have been citizens of Israel for many years.

Another normal "time" of activity occurs in the malls

(here called canyons) in the late evening. You may go to a mall during the day and find it very quiet. But at night from 9 PM to midnight it is chaos! The heat of the day has passed and it is party time. And that's indicative of the tempo of life, night equals party time. No, not really party time, but the most active time of the 24 hours called a day actually occurs at night.

The "day" really begins at about 8 PM. Dinner is seldom before 8 PM. Go to a restaurant at 6 PM and it might be open, if you are lucky. But just try to get a reservation around 10 PM. At the local beach/restaurant area here in Ashkelon dinner is around 10 PM. You will see even small children here between 12 and 1 AM, having dinner with their parents. And people of all ages are in the park every night till well after midnight! I am constantly amazed at how many hours of the night are enjoyed by the people of Israel. In Tel Aviv and Haifa these phenomena cannot as easily be discerned because they are large cities where this would be seen as normal night life. But, in small towns and suburbs the same late evening activities occur.

On Shabbat, families from all over Israel travel to their parent's house for the traditional Shabbat gathering. They willingly travel a hundred miles each weekend for this event. Anyone on the road early Friday night or late Saturday night see the volume of traffic which attests to the adherence of this enviable cultural practice.

One day of the year - Yom Kippur, The Day of Atonement - is just the opposite. On this day no, I mean NO vehicles are on the highway. No moving traffic. You can literally stroll down the freeway without threat of cars hitting you because there are no vehicles on the road! On Yom Kippur no moving vehicles (including bicycles) are allowed throughout the country. Yom Kippur asks all people to reflect on their lives the past year, without any distractions, so going anywhere is frowned upon.

So life goes on, but in Israel it is always at a different beat. ■

'97 NORTHWEST REGION CONFERENCE COEUR D'ALENE, IDAHO by Portland Chapter CSI Members

Chris Irwin — “The theme of Technology Safari was carried out successfully by the Spokane Chapter. Highlighting the use of computers in the construction industry was interesting, and, to this ‘technology phobic’ person, a bit daunting. Plans and specifications on CD-ROM will directly affect my job. Plans on the Internet, take-offs directly from your personal computer and other technology made me wonder about the future of plan centers as we know them.” Chris continued, “.. computer graphics made drawings come alive. To see what impact a building will have on a site, what it will look like 5-10 years from now was fascinating.” “By some of the later questions, I felt I wasn’t the only one lost, a very comforting feeling, since at one point I felt as though I were hearing a foreign language (the language of technology). While it may have been overwhelming, a glimpse of the future is always interesting.”

Ed Fatz — “I found the 1997 Northwest Region Conference to be both enjoyable and informative. I am a “computer illiterate” and therefore the presenter can lose me easily. Saturday’s presentation on virtual reality lost me quickly. I was interested in the presentation on electronic bidding, by the Corps of Engineers. I feel that the Spokane Chapter did a very good job and should be commended for their efforts.”

Inge Carstanjen — “I attended the ‘conferences’ roundtable. The question was asked “what is the benefit of a Region Conference to potential attendees?” This prompted some soul-searching on my part. Why do I come to these conferences? If the technical content (as some contend) is negligible? If it’s too expensive? Or too far to travel? The conference was well planned. I had no idea what Technology Safari would do for me. Maybe (I thought) this has nothing to do with MY work. But I found that my mind was stretched and I’m excited. I’m not sure I understood everything I heard vis-a-vis virtual reality, switch engines, information systems. But at least it’s a beginning for me on my journey down the 21st century information highway! I have learned a lot about things that are ‘not in my area,’ i.e. fire rated glass,

newest EIFS systems via quick pitch ‘pills.’ Anyway, for me these conferences are like a family reunion (I’m thinking I’ve lived alone too long!). I don’t know all there is to know, so I always learn more of what I know already, or what I never knew before. Thank you Spokane Chapter!”

Cornelia Gibson — “This was the first time I attended a Region Conference and found the event enlightening and delightful. The Spokane Chapter dressed the otherwise dry subject of technology into the coat of an adventure safari. Lunch on Friday included a slide presentation by Mr. Kelly Dionne of the Coeur d’Alene Travel Company. He specializes in organizing adventure vacations and tours. After listening to him and viewing some of the adrenaline raising hardships of such a tour, I decided that the Spokane Chapter’s Technology Safari was much more to my liking! Mr. James Justin Taylor of the Army Corps of Engineers discussed electronic bid sets (EBS). It is the object of the Corps of Engineers EBS project team to develop processes and procedures which replace printed media construction contract solicitation documents with an EBS. The EBS consists of standard format files which can be distributed to prospective contractors on CD-ROM and can be requested via the Internet. The advantage lies in the huge savings of paper resources. As with any adventure safari, understanding the pitfalls, preparedness and good equipment are important for success. With EBS — what if CD-ROM or internet access is not available, or, as the question was posed, what if inaccuracies occur during copying? Mr. Taylor explained, responsibility for accuracy in receiving and copying all materials will be borne by the bidder. Any addenda, however, will be mailed in hard copy to all registered bidders. EBS will be very new to many people and as with all changes and improvements, eventually all of us in this industry will have to participate in this safari.”

The following Portland Chapter members and guests attended the conference: Rick Heiserman, John Lape, Randy Tessman, Mike & Debra Watson, Ken Searl, M. A. Hutchins, Margie Largent, Perky Kilbourn, Lee Kilbourn, Linda & Russ Joens, Cherie McNabb, Jim & Lovina Mann, Igo & “Cookie” Jurgens, John Kehrl, Margaret Kehrl, Cornelia Gibson, Ed & Linda Fatz, Chris Irwin & Bernice (her mother), Dennis Obert, and Inge Carstanjen. ■



John & Margaret Kehrli



President Rick "Indiana" Heiserman takes a hike on the wild side!



Region Directors, Dick Kissick & John Lape



Chris Irwin



Eight CSI Fellows were in attendance at the Northwest Region Conference: Shown here (l-r) Lee Kilbourn, Mary Alice Hutchins, Jim Chaney, Ken Searl, Art Nordling, John Anderson, Dick Eustis and Paul Simonsen.

**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
September 2, 1997**

CALL TO ORDER: The meeting was called to order by President Rick Heiserman at 12:00 p.m. at the AIA/CSI Conference Room

QUORUM: Yes.

PRESENT: Rick Heiserman, John Kehrl, Dale Kuykendall, Linda Joens, Mike Watson, Cornelia Gibson, Inge Carstanjen, Igo Jurgens, Bob Easton, Chris Irwin.

Absent: Dennet Latham.

ALSO PRESENT: John Lape, Dianne Kuykendall, Ken Searl.

1. MINUTES: The July 25, 1997 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT:

A. No report was given.

B. Rick Heiserman requested Board action approving continuation of John Lape's position as Financial Director. Questions arose whether a directorship position was possible for a non-Board member without changing the by-laws. It was determined that John will continue serving in his old capacity, however, as chair of the finance committee.

C. Committee budget clarification:

- a. Each committee is to identify expenses.
- b. Cost of hiring speakers must be part of committee expenses.
- c. Liaisons are to discuss these items with their committees and review with Chapter President.

D. Ad-hoc committee was established to audit Chapter books periodically. Committee members are John, Inge and Rick.

3. CORRESPONDENCE:

A. Ms. Lizbeth F. Lear, Director, Meetings & Exhibits for CSI requests completing an evaluation of the 41st Annual CSI Convention in Orlando. This is in a effort to improve future conventions. Each attendee is asked to please send comments to her.

B. Institute's Public Relations Manager, Dan Merriman, invited participation in the 1998 National Engineers Week billboard campaign. Board discussed the potential benefits

to our Chapter, the effectiveness of billboards and decided not to participate.

C. For the upcoming 50th year celebration, the Institute is sending monthly information for 10 months. The intent is to have Chapters present this material to the membership during the monthly meetings.

D. Oregon Dept. of Energy invited Chapter to participate in promoting energy efficiency via advertisements in the D.J.C. It was decided not to participate.

4. EDUCATION/CERTIFICATION/PROGRAMS:

A. September City Hall Tour and Dinner was outlined by Mike Watson. Nine speakers will be stationed throughout the building.

B. 1997/1998 programs schedule has been completed.

C. In appreciation of our Chapter's \$2,500.00 sponsorship of this years Architecture Week, held October 18 through 25, Portland Chapter AIA will provide CSI two 1/2 page ads in their newsletter.

5. OLD BUSINESS:

A. Atwaters has increased dinner costs. Program Committee recommended to raise dinner costs to \$25.00 with an additional charge of \$5.00 for non-reserved seats. The pre-registration system has been very successful in the past.

B. Directory: Addendum with corrections will soon be published. Performance Publishing proposed to put the Directory on CD-ROM. The proposal will be reviewed by Igo, Rick, John and Lee.

6. NEW BUSINESS:

A. AIA will be a participant in the 1998 Products Fair making this the CSI/AIA/IIDA Products Fair. Speakers will be listed in the AIA Spring Lecture Series.

B. Future committee reports should contain information regarding meeting dates and places so Rick can attend.

C. 97/98 Administrative References were distributed to Committee Chairs.

D. Certification classes should be advertised in The Predicator as soon as possible. A discount of \$50.00 will be available for registration prior to 12/1/97.

E. Ken Searl distributed listing of locations of all NW Region plan centers.

NEXT MEETING: October 7, 1997 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 12:58 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

- President**
Rick Heiserman, CDT . . . 223-1181
- President-Elect**
Igo Jurgens, CSI 223-0992
- Immediate Past-President**
Dale Kuykendall, CCA . . . 777-5531
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Cornelia Gibson, CSI 624-7444
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Inge Carstanjen, CDT 297-2162
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Inge Carstanjen, CDT 297-2162
- Director, Professional 1996-1998**
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Linda Joens, CSI 274-0086
- Director, Industry 1996-1998**
John Kehrl, CSI 644-7102
- Director, Industry 1997-1999**
Mike Watson, CDT 239-8128
- Director, Industry 1997-1999**
Chris Irwin, CDT 650-0148

COMMITTEE LEADERS

Archives/Historian
Margie Largent, CSI 620-6573

- Awards**
Mike Watson, CDT 239-8128
- By-Laws**
Ken Searl, CCS 362-3472
- Certification**
Chris Irwin, CDT 650-0148
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Lee Kilbourn, CCS 417-4400
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Linda Joens, CSI 274-0086
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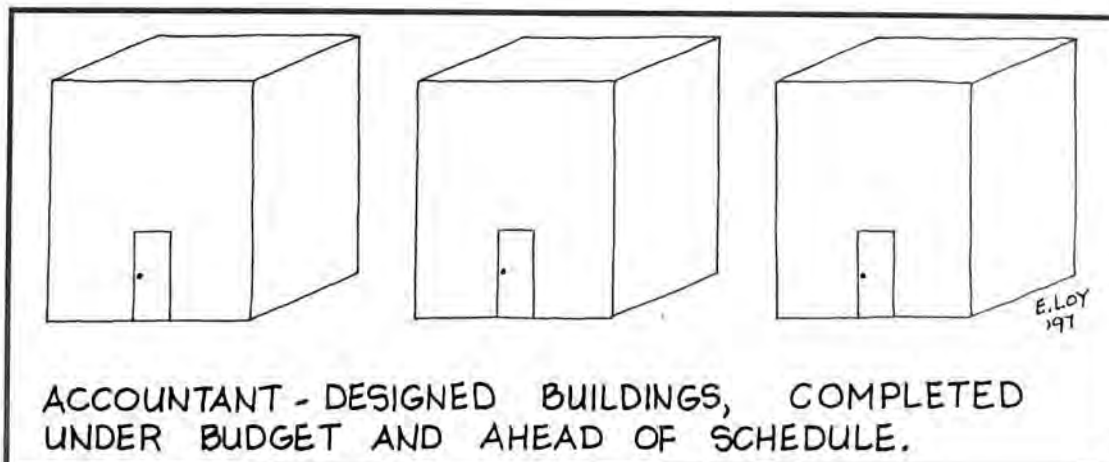
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**NORTHWEST REGION
CHAPTER MEETINGS**

- The contacts below are the program chairs or officers of various chapters
- Cook Inlet, Anchorage, AK
(Third Tuesday)
Frank Rast 907-522-1707
- Puget Sound, Seattle, WA
(Second Thursday)
Relta Gray 206-382-3393
- Mt. Rainier, Tacoma, WA
(Third Wednesday)
Glenda Kelly 206-383-1704
- Spokane, WA
(Second Thursday)
Sherry Harbaugh 509-456-6525
- Portland, OR
(Second Tuesday)
Inge Carstanjen 503-297-2162
- Capital, Salem, OR
(Fourth Thursday)
Mark Burleson 503-390-0281
- Willamette Valley, Eugene, OR
(Last Thursday)
James Wentworth 541-346-2288
- Idaho, Boise, ID
(First Tuesday)
Karen Morris 208-345-3620

THE REAL WORLD
by Ed Loy, CSI, CDT



THE PREDICATOR

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the **PREDICATOR**



HOLIDAY CRUISE DECEMBER 16TH

With the chill in the air and Christmas ships launching we are ready to set sail again on our annual "Holiday Cruise."

This year's cruise will be on the top deck of the Portland Spirit. And, once again we will be sailing with Captain Cal.

Our voyage will begin with a tour of the Willamette River. And, to help the Christmas spirit, we will be touring with the Christmas ships. Our dinner will be served with a choice of Salmon Baked with Fresh Herb & Lemon Butter or Sauteed Breast of Chicken with Sherry and Wild Mushroom Cream Sauce. Throughout the evening we will have music and entertainment provide by Rock Residue.

Don't miss out this year... After a wonderful dining experience, there will be dancing in the moonlight. Mark your calendars! Tickets are on sale for our December 16th cruise now. Cruise occupancy is limited to 130 people and all tickets must be prepaid.

Many thanks to the following sponsors:

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VOLUME 37, No. 5

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

Tuesday, December 16th,
S.W. Front & Salmon Street

Boarding Time - 6:30pm
Departing Time - 6:55pm (promptly)
Return Time - 9:30pm
(with dancing at dockside until 10:30pm)

PRESIDENT'S MESSAGE by Rick Heiserman, CSI, CDT, AIA

Recent information that was presented at the National Convention and Region Conferences has conveyed the way the construction industry will function in the future. Some of my messages have reflected what I have heard and seen. While I think it is important to have some idea where we are headed, it is also important to realize where we have come from. CSI is celebrating 50 years of existence. At our Chapter meetings each month there will be a short presentation about some of CSI's developments over the past fifty years. All of this is an effort to understand our past and how many of those issues mentioned bring order and insight to our working environment.

As chaotic as life seems at times, imagine the construction industry without the *structure* that CSI provides. At our office we have pulled from the archives the first specification written by Bob Wilmsen, the

founder of our firm. This specification was written June 18, 1946, approximately two years before CSI was established. The paper is typewriter tracing paper and the text was produced from typing on carbon paper. Six copies were produced for the project because that was as far as a manual typewriter could imprint with carbon paper. The General Conditions were AIA 1937 Edition, which consisted of 44 Articles over ten pages. The balance of the "Headings," (of which there were 21), divided the work into areas of disciplines similar to the CSI 16 Divisions. The Section format (Headings) was divided into Scope, Materials and Workmanship & Installation. There was no information about Bidding or contractual conditions between the owner and contractor.

This Specification represented one firm's documentation for a project. Every firm had their own concept of how specifications should be assembled, thus making it more difficult for bidders and contractors to under-



stand projects. At times CSI's *structure* is a bit overwhelming, particularly when they make revisions such as Masterformat 95. It is, however, a structure which all parties in the construction industry can use. CSI has the Manual of Practice which encompasses the *structure*. If you are not familiar with it, I would encourage you to do so. The easiest way I know of is taking the Certification courses which the Chapter will be offering beginning in 1998.

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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to dalek@emerick.com. 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.

Place your Insert in The Predator!

Member Price: \$ 200
For more information contact the Editor. (Non-Members contact the Membership Committee.) Inserts must be 8 1/2" x 11" single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

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BS BY KS

BASIC SPECS

by Ken Searl, FCSI, CCS

For many years I have written this BS Column (over 200 issues) and one thing stands out in my mind that involves other Specifiers. In general, I find many specifications are too wordy and lengthy containing words and phrases such as *The Contractor shall, shall be, any and all, as required, if needed, suitable* and many more words that can get one into trouble. I have available an article on this entitled... "Language of Specifications" written by Paul Edlund, FCSI, CCS. I'll be glad to send you a copy upon request.

One item that is not covered adequately is cross referencing. Examples are (1) specification sections requiring testing services (usually cross referenced from a specification section and shown in Section 01450, Quality Control. (2) Some Related Sections show very little and a few show too many. (3) Alternates, Closeout Procedures involving Submittals such as Record Drawings, Warranties and other Submittals in many cases are incomplete or not accurate.

Some specifications I have reviewed

in Plan Centers are weak regarding procedures for product substitutions. It is noted that Northwest Region CSI has a good substitution request form with instructions on its use and is available on disk in both WordPerfect 6.0 or later and Word 6.0 or later. Contact either Region Director or me for a copy.

A few weeks ago Alan Shelmerdine of Puget Sound Chapter and yours truly worked together revising Section 01312 Project Meetings wherein special attention was given to usage of a Request For Information (RFI) form. Our reason for revising this Section was to provide a standard RFI form and procedures required to reduce the amount of RFI's and DCVR's received (It is noted in an effort to reduce RFI's is shown in new AIA 201 and B141 documents). Some projects noted ran over 500 or more and one project had 1200. This is just plain ridiculous. Many requests were simple clarifications which can easily be handled at a jobsite progress meeting and recorded in Observation Report or Meeting Minutes. To upgrade your specifications we feel it is very beneficial if you contact one or more other Specifiers and select a specification section and give it a good review and exchange written suggestions. Working together with Alan has been an eye opener and I feel it is a great way to

upgrade your specifications. Alan and I would be glad to assist you and be a part of this proposed operation. We both feel working together has been very helpful.

When I visit a Plan Center and read various Project Manuals I find there are many items that are in need of reworking to improve content. Why are so many Specifiers apparently in need of a little help or a lot of help but very seldom ask for help? Anyone out there who can answer this question please let us know. It is noted that so far we have only received three requests for revised Section 01312. It seems to me plain curiosity should have brought in some requests.

CSI Northwest Region has available a Plan Center List of Plan Centers within Northwest Region including Alaska, Idaho, Washington, Oregon and Montana plus northern portions of California and Utah. You may obtain a copy of this list from Plan Centers, CSI Chapters, Northwest Region Directors or Ken Searl at 3100 Turner Road SE #416, Salem OR 97302 Tel/ Fax 503-362-3472.

One little jewel I picked up (don't ask me where) Show me a Doctor who's a Coroner and I'll show you a Doctor that makes hears calls. ■

'97/ '98 PORTLAND CHAPTER CSI DINNER PROGRAMS

Dec. 16th — "Holiday Cruise"

(Third Tuesday)

Jan. 13th — "The State of the Economy in our Region"

Feb. 10th — "Team Building"

Mar. 10th — "Happy Birthday CSI — A walk through the last 50 years and a look to the future"

April 14th — "Manufacturing Better Building Products in Oregon"

May 5th — "CSI Products Fair"

June 9th — "CSI Chapter Awards"



Advancement
of Construction
Technology

EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Dec. 8 PRSG Lunch Meeting
Dec. 11 SSG Lunch Meeting (2 LU's/HSW)
Dec. 16 CSI Dinner Meeting "Holiday Cruise" 297-2162
(please note 3rd Tuesday)
- Jan. 12 PRSG Lunch Meeting
Jan. 13 CSI Dinner Meeting "The State of the Economy in our Region" (3 LU's) 297-2162
Jan. 15 SSG Lunch Meeting (2 LU's/HSW)
Jan. 29 SSG Lunch Meeting (2 LU's/HSW)

Future CSI Events

- Leadership Conference, Puget Sound, April 24-26, 1998
AIA/CSI/IIDA Products Fair, Portland, May 5, 1998, (360) 573-7834
National Convention, Baltimore, Maryland, June 24-28, 1998
Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Other Events

- December 11-13 CEU Procrastinator's Week, AIA 223-8757, CSI 243-2837
Revised AIA A201 and B141 documents
Codes, ADA, Fire/Life Safety, Seismic
Financial Management

Seminars Under Consideration

- Jan. Division I
Feb./Mar. Manual of Practice (M.O.P.)
TBA Special Inspection

ABBREVIATIONS & CONTACTS

- | | | | |
|------|----------------------------------|------|--|
| HSW | Health, Safety & Welfare credits | PRSG | Product Rep Share Group—Mike Beeson 684-3187 |
| LU's | AIA Learning Units available | SSG | Specifiers Share Group—Bob Easton 228-5617 |

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of *The Predicator*, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

OCAPA & OACI REQUEST NOMINATIONS FOR THE "EXCELLENCE IN CONCRETE AWARDS."

The Oregon Concrete & Aggregate Producers Association (OCAPA) and the Oregon Chapter of the American Concrete Institute (OACI) are seeking nominations for their annual Excellence in Concrete Awards.

Awards will be presented in an awards ceremony at the Jantzen Beach Doubletree, April 16, 1998. This is the eighteenth year the two groups will be presenting this prestigious industry award.

The Association officially established its Award for Excellence in Concrete program in conjunction with Oregon ACI in 1979 for the purpose of recognizing the extensive imaginative and aesthetic uses of concrete by architects, engineers, general contractors, concrete producers and owners.

The award winners will receive an attractive concrete plaque at the award dinner in April. Past winners have included the Oregon Convention Center in Portland; the Rose Quarter in Portland; the Pacific Northwest Museum of Natural History in Ashland; the Performing Arts Center in Portland and the Free Willy Facility.

Nominations will be accepted from any person or firm for any of their projects using concrete within the State of Oregon completed during the past two calendar years. All projects will be judged by a panel composed of presidents or their representatives from local professional and trade organizations. The judges' decisions are based on creative and functional design, superior craftsmanship and unique or innovative uses of concrete. Individual awards will be presented to the owner, architect, engineer, contractor, concrete supplier and each participant for each award-winning project. Deadline for nominations is January 31, 1998.

For more information or an entry submission brochure, contact the OCAPA offices in Salem, at 1-503-588-2430.

SUMMER PLANNING SESSION 97/98

President Rick Heiserman opened this year's Summer Planning Session by welcoming the new Board of Directors and Committee Chair persons.

The participants considered and discussed the various issues and needs of the membership. In order to successfully participate in this industry it seems important to stay abreast of ongoing changes. The group focused on developing goals which would enhance the memberships knowledge and understanding of the changes in the construction industry. The following goals emerged:

1. Develop better coordination and communication between Division 15 and 16 to Division 1 and other related Divisions.
2. Develop a better method to incorporate engineering information into manuals rather than on the drawings.
3. Develop seminars and educational opportunities for better understanding and use of MasterFormat 95.

4. Develop better membership retention and involvement.
5. Target the engineering community for membership.
6. Develop better understanding of changes in the new 97 AIA Documents, such as A201 (General Conditions) and B141 (Owner Architect Agreements).
7. Offer seminars which help members stay abreast of various changes in the industry. (Filing for permits via the Internet, downloading documents, Contract Document distribution, etc..)
8. Develop interest among building owners in CSI and the construction industry by offering educational seminars. (Litigation issues, contract documents, i.e. B141, etc.)
9. Develop better coordination of project drawings and manuals.
10. Increase publicity of the Portland Chapter as an organization of significance and value for members and non-members alike.

TECHNICAL NEWS

McTHERMAL HEATING AND COOLING

A McDonald's restaurant in Westland, Michigan, will be the first in the chain to use a geothermal heating and cooling system. The restaurant will open this month. A McDonald's spokesperson says the restaurant decided to use the system to save money on its utility bills.

The system will use the earth's constant temperature to cool, heat, and provide hot water for the restaurant without fossil fuels or flame. A water and environmentally friendly antifreeze solution in an underground pipe absorbs the earth's heat. The temperature in the pipe remains constant at 10°C (50°F). Pressurizing the solution raises its temperature to more than 80°C (180°F). Reversing the process cools the solution and returns the heat to the earth.

—Detroit Free Press, October 17, 1997

IN-WALL FIRE DETECTOR

Researchers at the National Institute of Standards and Technology (NIST) are working with the fire detector industry to build an in-wall system capable of pinpointing the location of a fire and predicting the short- and long-term effects of its growth and smoke spread.

The cybernetic alarm combines NIST fire modeling software with advanced sensors and annunciator panels. The alarm would use building plans, contents, and sensor data to provide continuous estimates of a building's safety.

"Smart sensing," the ability to isolate the location, size, and potential growth of a fire or other hazardous event (e.g., too much carbon monoxide in a room), would be very useful for escape and rescue and could eliminate false alarms that empty entire buildings. In large facilities, incidents could be isolated and extinguished without general interruption of business.

Researchers hope to have a working model ready by 2002. NIST is searching for industrial partners for the five-year project.

INDUSTRY NEWS

ENGINEERS GET RESPECT

According to a 1997 Louis Harris and Associates poll, of 17 occupations, only doctors, scientists, and teachers have more prestige than engineers. Engineers ranked just ahead of ministers/clergy, police, military officers, congress, and business people.

Almost 75 percent of the 1,006 adults surveyed called engineering an occupation of "very great" or "considerable" prestige. Harris began asking the question in 1977. Since then, the number of people saying engineers have "very great prestige" has only fallen 2 percentage points, from 34 percent to 32 percent. During the same period, those saying lawyers have "very great prestige" dropped 17 percentage points, from 36 percent to 19 percent. The drop is the greatest loss in prestige suffered by any of the 17 occupations.

—Engineering Times, October 1997

WOMEN'S CENTER PROPOSED FOR DALLAS

The Foundation for Women's Resources, an Austin, Texas-based organization dealing with the economic and professional status of women, has proposed an International Center for Women and the Future be built in Dallas as part of Texas' millennium celebration.

New York architect Wendy Evans Joseph designed the center, which would occupy a historic 1930's exhibition building at Fair Park. The architect's design includes a women's Walk of Fame, curving theater, and interactive exhibits that would focus on opportunities for women in the twenty-first century.

The Foundation has spent more than \$100,000 to survey and obtain the building and has begun to raise the approximately \$20 million needed for the renovation. The Center is scheduled to open in fall 2000.

—Architectural Record, October 1997



SHALOM - NOTES FROM ISRAEL
WHAT'S AN ARCHITECT DOING
IN A PLACE LIKE THIS?
 by David R. (Skip) Brown III, CSI, CCS

So, about a year and a half ago we Architects came to Kiryat Gat, looked over the hill from the LC-10 and thought of what FAB 18 might be. Construction had started early by grading the land and installing the caissons. But back in October of 1995 we thought we had FAB 18 well defined on paper when we began to issue the construction drawings. The evolution from what the contract drawings asked and the actual constructed results of FAB 18 are very close. We know of slight differences in some parts. We know of the pains of achieving this or that part of the project. But the physical presence of seven buildings quickly nearing completion bears witness of the efforts of all involved in construction of FAB 18.

For me it has been a rich experience. An experience of construction, procurement, miscommunication in languages, bid evaluations, contract negotiations, bid clarifications, scheduling, meetings, meetings, meetings, and a host of other events at the edge of Architecture. (The misunderstandings in language between the "English" English and the "American" English are particularly memorable. Just what is a 'noggin' anyway?)

But really, "What is an Architect doing in a place like FAB 18?" It is interesting how many ways an Architect is defined - by others. Webster's says that an "Architect designs and supervises the construction of large structures or buildings" That is a significant statement! A project the size of FAB 18 is not supervised alone by the Architect! There are many experts in design and construction necessary to see that the project is correctly constructed. The internal 'life' of all the buildings require expertise in Process, Life Safety, Telecom, HVAC, Plumbing, I&C and other disciplines in order to be well "supervised". Experts in field construction, scheduling and cost/procuring maintain the flow of work to get the job done. So the Architect is just one of many disciplines providing

expertise to the project. But what does he do?

I have been asked strange questions at times but don't remember any in particular. I think this lack of memory proves it is pretty normal for Architects to be asked questions that don't seem to fit any other discipline. Sure, the building walls, floors and roof are the Architect's. That's pretty clear. But it is the in-between stuff that gets real interesting. "I know LN2 (Liquid Nitrogen) goes through the corridor envelope, but is oxygen depletion monitoring required?" Or questions from procurement when the subcontract requires clarification in scope, involving NIS (\$) or quantity we are asked to help. "Where in the drawings is ...?" In the USA the idea of quantifying (BOQ) and being involved in subcontracts rarely happens.

The American expression "jack of all trades, master of none" could be used to roughly describe Architects. But only to imply that Architects deal with a wide range of "stuff". From the required functions of door hardware to the appropriate thickness of rated spray type I fireproofing, the range of "stuff" is pretty awesome. Bid analysis of CRC (Corrosive Resistant Coating) compliance to specifications reviewed one day are very different to next day's evaluation of an alternate product for roof hatches. This makes life pretty interesting. (But don't even talk to me about EIFS.) We do a lot of strange tasks.

You may think the selection of color and finishes (say resilient flooring, lighting poles or metal siding) is a simple task. Project wide color compatibility was designed (actually thought of) early in the project. It can be simple if the standard resilient flooring color specified and awarded to a subcontractor is available when scheduled for installation! Or if the light pole color and light fixture actually match. If not, color selection just became more difficult. It then becomes impossible when the US standards specified are not available, but "everyone knows RAL". Now begins the interpolation.

There is a famous skit of Abbot and Costello about Baseball. I am sure that many of you have heard it. I think of the Architect as "third base." Or, "I don't know - lets ask the Architect!" ■

METRO, TWO DAYS BEFORE AN IMPORTANT VOTE.

by Ellen Onstad, CSI, CDT

The October 21 CSI Dinner meeting was "Metro 101." Our instructors were Jon Kvistad from District 3 and Susan McLain from District 4. They did a wonderful job of explaining the ins and outs of Metro-and what exactly it means to be a member of Metro Council.

First we learned some of the things that Metro is directly responsible for:

- Land Use and the Urban Growth Boundary
- Environmental Management (i.e. - Recycling, DEQ, the landfills)
- Transfer stations (Trash, destination - the landfill in Arlington)
- Regional Facilities (i.e.-Civic Stadium, Zoo, Performing Arts Center)

The majority of Metro funding is not from property taxes, but from the people who go and use the facilities - so, everybody, let's head up to the Zoo.

The large question at the time of the our meeting was the 2040 Urban Growth Boundary. On the day of the meeting it was 240 thousand acres with a population of 1.5 million people. On Thursday October 23 Metro voted on expanding the boundary.

While this was considered a black and white issue by some - it was very complex for Metro. They looked at not only what is going on in the community now, but what is expected in the years to come. They must look at underdeveloped land as well as green space (parks), proposed construction and the undeveloped land. One way Metro could ask the question: Is there a 20-year supply of buildable land inside the boundary to meet the projected housing need of approximately 249,000 dwelling units?

Metro was formed in 1979 and is a unique form of government. The Council acts as a intermediary between 24 cities, 3 counties and several communities. Many other cities have been looking at the Metro Regional program and seeing how it works and if may work for them; cities both in and outside this state and this country. Many neighboring cities such as Sandy, Canby, and North Plains want more control over what is happening (both inside and outside the urban growth boundary). Unfortunately, water, air and properties do not follow the urban growth boundary as well as some would like.

Overall this was a very educational class on the ins and outs of Metro. I find it very interesting that housing costs have risen so much that a double income family can not afford a modest two bedroom home with two baths. People are staying where they are and improving what they have, which includes infill and redevelopment. Right now the economy is good, the unemployment level is low and housing prices are high. The goal is to make this all balance, including housing prices, jobs and livability. ■



New Member Orientation: (front row l-r) Thanh Quyen Nguyen, Rebecca Quas, Jon Grasle, Elaine Resner, Steve Hopkins. (back row l-r) Bob Hesseltine, Dick Hurley, Glen Miller, R. L. Gantenbein.

PROFESSIONAL DEVELOPMENT

DECEMBER SEMINARS

The Portland Chapters of CSI and AIA are putting on a series of seminars December 11th, 12th, and 13th, 1997. These seminars have also been given the tag of Procrastinator's Week and CEU Blow-Out, to accentuate the fact that many AIA members still need to gain their 36 Learning Units to maintain membership, before the end of the year. However, the educational value for these seminars is high, whether you're an AIA member, architect, or anyone that works in the construction industry.

The first day, December 11, 1997, will focus on the new AIA B141 Owner/Architect Agreement, and A201 General Conditions. This seminar is co-sponsored by JBL&K Insurance. Two panels of experts will present varying opinions on the impact of the broad sweeping changes. Consider the provisions below in these new documents, and agree that you need to attend this seminar because it will effect all of us in this industry.

- **Architect responsible for meeting client's construction budget! (free re-design)**
- **Owners are allowed to terminate without cause!**
- **Owners allowed to terminate construction contract for convenience!**

Friday morning will start with a three hour session on the Uniform Building and Fire Codes. Participants will learn key aspects of the 1994 Code and the direction that the 1997 Code, and Year 2000 International Building Code, are going.

- **Will a national consensus Code work, or will each state re-write portions of it?**

Friday afternoon Grant Davis, of KPFF, will discuss seismic requirements.

- **Seismic retrofit requirements.**
- **Is the Oregon Coast going to Zone 4?**

Saturday morning, December 13, 1997, will feature a three hour seminar on accessibility requirements. This seminar will be presented by a code specialist, and an

attorney. Among other topics, the recent ruling on the Blazers Arena is certain to be discussed.

Finally, Saturday afternoon, there will be a three hour seminar on firm financial management. This seminar is geared to help principals understand the financial health of their firm. Guidance will be provided to take an active part in your company's accounting procedures.

AIA Continuing Education credits will be available for all seminars. CSI and AIA members may take any class at the "member" price. Information will be mailed and faxed in late November. For additional information call the AIA office at 223-8757, or John Lape at 243-2837.

DOOR HARDWARE SEMINAR A SUCCESS

A small, but interested group learned a great deal from the two day door hardware seminar put on in November. Joe Lesniak, DAHC from the Door and Hardware Institute, was aided by four local experts, Mark Barney, AHC and Jody Cross AHC, both from G.L. Simms & Associates; Tom Anderson, AHC from Chown Inc.; and Kevin Maszy, CDC from Baxter and Flaming Industries. All five instructor took turns educating us on this very complex subject.

Discussions covered the wide range of door hardware, including Code and ADA applications, as well as electronic hardware. The two day seminar concluded with a hands-on opportunity to operate continuous, double acting, and swing clear hinges, door closers, exit devices, etc. There are a few extra copies of the course manual. Call John Lape if interested.

5,000 CEU'S

The Portland Chapter has now passed the 5,000 Learning Units mark for AIA Continuing Education Credits. To my best understanding, the Portland Chapter of CSI has led all CSI Chapters in the number of credits given for the last three years. Every year has seen an increase in our participation in this program. In 1997 alone, we will provide over 2,000 Learning Unit Credits.

**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
October 7, 1997**

CALL TO ORDER: The meeting was called to order by President Rick Heiserman at 12:05 p.m. at the AIA/CSI Conference Room.

QUORUM: Yes.

PRESENT: Rick Heiserman, John Kehrli, Dale Kuykendall, Linda Joens, Mike Watson, Cornelia Gibson, Inge Carstanjen, Igo Jurgens, Bob Easton, Chris Irwin, Dennet Latham.

ALSO PRESENT: John Lape, Dianne Kuykendall, Ken Searl, Lee Kilbourn.

1. MINUTES: The September 2, 1997 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT:

A. John Lape reviewed the financial reports for the fiscal year. John also reminded committees to exercise fiscal responsibility.

3. CORRESPONDENCE:

A. Copy of Institute's Executive Committee/Board Flash Report was distributed to all Board members.

4. EDUCATION/CERTIFICATION/PROGRAMS:

A. New member orientation is scheduled for the October 21st Dinner Meeting from 5:15-6:00 PM, at Atwater's restaurant. New members will be introduced to the Board and shown a CSI film presentation. Lee noted that we have gained 15 new members since the spring of this year. It was determined that a greater effort is needed to retain current members. Linda Joens will coordinate a mentoring program.

B. Certification: In an effort to increase successful participation in the certification exams \$100. will be paid to a Chapter member. After discussion the motion was made seconded and approved to award Chapter members passing a 1998 certification exam (CDT, CCS, CCPR, CCCA) with \$100. Non-members who successfully complete any of the certification exams have the opportunity to become full Chapter members within 30 days and thereby become eligible to receive the \$100.

C. Tri-fold Chapter Flier introducing the Board of Directors was distributed. This flier is for promoting the Chapter.

D. Education: Portland Chapter CSI and Portland Chapter AIA have scheduled a seminar on December 11, 1997 covering AIA Documents.

5. OLD BUSINESS:

A. Chapter Directory on CD-ROM: Board discussed some of the advantages/disadvantages and decided an opinion poll was needed before proceeding. Issues such as how expedient it would be to look up a member when working in another program, were discussed.

B. '98 Region Conference Update: John reported that the block room rates are reserved until August 1, 1998. Announcements will be made in the January issue of The Predicator and the NW Region newsletter.

6. NEW BUSINESS:

A. Two upcoming Golf Tournaments and sponsorships were discussed. The traditional June Tournament would be in an effort to help with Chapter expenses and the NW Region Conference Tournament would help offset Region Conference expenses. Sponsors would receive advertisement inserts in The Predicator. It is estimated that 18-20 sponsors would be needed.

B. December Dinner Cruise also needs approximately 15 sponsors. Any business willing to sponsor this event for \$325.00 would receive 2 dinner tickets and advertisement inserts in The Predicator. Dinner reservations will cost \$45.00 per person.

7. COMMITTEE REPORTS:

A. SSG has been meeting twice monthly.

B. PRSG is planning to meet on 10/13/97.

C. Masonry Institute of Oregon, Hammurabi Awards will be given on November 7, 1997 at the Double Tree Hotel in downtown Portland.

D. Membership Committee will meet October 27, 1997.

E. Ken Searl handed out new CSI Substitution Request forms.

NEXT MEETING: November 7, 1997 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 1:08 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

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- President-Elect**
Igo Jurgens, CSI 223-0992
- Immediate Past-President**
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- Director, Industry 1996-1998**
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- Director, Industry 1996-1998**
John Kehrl, CSI 644-7102
- Director, Industry 1997-1999**
Mike Watson, CDT 239-8128
- Director, Industry 1997-1999**
Chris Irwin, CDT 650-0148

COMMITTEE LEADERS

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- Awards**
Mike Watson, CDT 239-8128
- By-Laws**
Ken Searl, CCS 362-3472
- Certification**
Chris Irwin, CDT 650-0148
- Editor**
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- Education**
Tim Cockburn, CCPR 666-5544
- Finance**
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- '98 Region Conference**
John Lape, CCS 243-2837
- Liaison**
Igo Jurgens, CSI 223-0992
- Library**
Perky Kilbourn, CSI 222-5279
- Membership**
Lee Kilbourn, CCS 417-4400
- Nominations**
Rick Heiserman, CDT 223-1181
- Orientation**
Linda Joens, CSI 274-0086
- Planning**
Rick Heiserman, CDT 223-1181
- Product Rep Share Group**
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- Products Fair**
Cherie McNabb, CDT 888-944-2123
- Programs**
Phyllis Fritzie, CDT 203-9207

- Publicity**
Dianne Kuykendall, CSI 631-3782
- Specifiers Share Group**
Bob Easton, CCS 228-5617
- Technical**
Bob Easton, CCS 228-5617

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- Dick Kissick, CCPR 253-759-3801
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Crossfield Products Corp.
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Tacoma, WA 98406
- John Lape, CCS 503-243-2837
Lape Architects
5410 SW Macadam, #270
Portland, OR 97201

**REGION
COMMITTEE LEADERS**

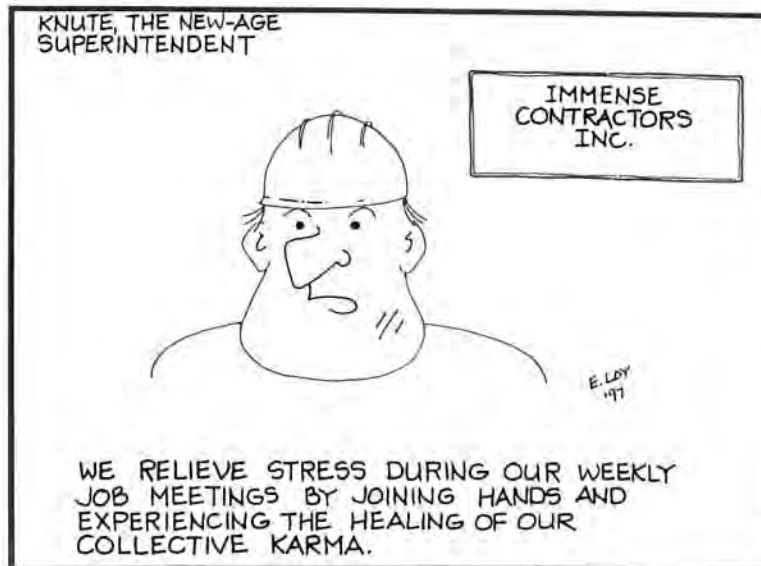
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- Awards**
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- Education**
Richard Floyd, CDT 206-241-9071
- Membership**
Karen Morris, CSI 208-343-3620
- Publication**
Dianne Kuykendall, CSI 503-631-3782
- Technical**
Carl Grundberg, CDT 907-272-8833

- Certification**
Dennis Obert, CCS 503-603-9346
- Planning**
Ralph Robinson, CSI 425-868-1922

**NORTHWEST REGION
CHAPTER MEETINGS**

- The contacts below are the program chairs or officers of various chapters
- Cook Inlet, Anchorage, AK
(Third Tuesday)
Frank Rast 907-522-1707
- Puget Sound, Seattle, WA
(Second Thursday)
Relta Gray 206-382-3393
- Mt. Rainier, Tacoma, WA
(Third Wednesday)
Glenda Kelly 206-383-1704
- Spokane, WA
(Second Thursday)
Sherry Harbaugh 509-456-6525
- Portland, OR
(Second Tuesday)
Inge Carstanjen 503-297-2162
- Capital, Salem, OR
(Fourth Thursday)
Mark Burleson 503-390-0281
- Willamette Valley, Eugene, OR
(Last Thursday)
James Wentworth 541-346-2288
- Idaho, Boise, ID
(First Tuesday)
Karen Morris 208-345-3620

**THE REAL WORLD
by Ed Loy, CSI, CDT**



THE PREDICATOR

315 SW 4th Avenue
Portland, OR 97204-2342

Address Service Requested

ROBERT R. KLAS
EKA ARCHITECTS AND PLANNERS, P. C.
6775 SW 111TH AVENUE SUITE 20
BEAVERTON, OR 97008



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DEC 03 1997
EKA & PLANNERS

HOLIDAY CRUISE — DECEMBER 16TH

(Almost full at press time - please call for available seating)

Name _____ Company _____

Telephone _____ Fax _____

Payment Method? Check • Visa • MasterCard
(please circle one)

Amount _____ (Preregistration \$45 per person) — **MUST BE PRE-PAID**

Cardholder Name _____

Card Number _____ Expires _____

Authorized Signature _____

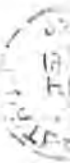
Please make nametags for my guest(s) _____

Fax your reservation no later than December 12th.

• FAX (503) 297-3183 •

Checks may be mailed to: 9578 SW Morrison St. • Portland, OR 97225

If you have any questions, please call (503) 297-2462.





the **PREDICATOR**

NORTHWEST ECONOMY 1998

TRENDS THAT DEFINE YOUR FUTURE CUSTOMER

In January 1996, we featured a panel of four construction-related professionals who shared their view of our hot construction market and its future. Many of the same issues are affecting us now: materials have a long delivery, labor is short, and projects can't get built fast enough. We asked, is it a boom or a blip?

Two years later, our construction colleagues are still smiling, if weary, and lamenting: If you aren't busy and making money right now, you're in the wrong business! Still, we wonder how long this pace can continue. Has electronics reached its max? With the Asian economy faltering, and Japan and South Korea linked to the Northwest both as supplier and buyer, how will we feel their pain?

A prominent Portland investment manager and venture capitalist suggests we pay special attention to understanding our customers, not so much what they want, as who they will be. Trends in the economy juxtaposed to changing demographics can help define possibilities for our future business.

Ralph R. Shaw, founder and General Partner of Shaw Venture Partners, joins us on Tuesday, January 13, 1998. For over 33 years Mr. Shaw has participated in the Northwest as an active investor, looking at new project development; the strengths and weaknesses of high tech; public and private market forces; and population trends. A member of the (Oregon) Governor's Council of Economic Advisors, Ralph Shaw brings a broad view of the Northwest economy and its unique driving forces.

Your customer today may not give you tomorrow's business. Join us for a look at who your customer could be and where you will find them.

Tuesday, January 13, 1998

**Greet your colleagues at 5:30pm, No-host bar
Dinner catered by Atwater's 6:30pm
Presentation with Q&A 7:30 to 9:00pm**

You are welcome to join us for the presentation only.

US Bancorp Tower, 111 SW Fifth Avenue, Floor 41

See Reservation Form on back page for reservation information.

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VOLUME 37, No. 6

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

PRESIDENT'S MESSAGE

by Rick Heiserman, CSI, CDT, AIA

One of the goals developed by the Board during this summer's Planning Session was to improve coordination of information between Divisions 15, 16 and the Divisions 1 through 14. I feel strongly about this issue because I think the matter has been getting worse instead of better, in spite of ourselves. It seems that Mechanical and Electrical firms have been making little effort to coordinate with other Divisions, particularly Division 1. In many cases information stated in Division 1 is either duplicated or contradicted in Divisions 15 and 16. The Specifiers Share Group has taken on the task of improving coordination and communication as one of their topics for the year. They have started meeting with representatives of various M and E firms.

One comment about communication from an M and E firm was that often they did not see Division 1 until the Contract Documents were 80-90% complete. At this stage of the development of a project their Sections were usually complete. Of the Architectural firms represented at this meeting it appeared that none of them developed and distributed Division 1 prior to developing Divisions 2 through 14, as it is called for in the Manual of Practice. This was rather enlightening as a first step to improving this issue. If you have any thoughts on this topic, please pass them on to myself or the Committee.

I was notified in November that Tom Clucas passed away. Tom had been a member of the Chapter for



many years and was a Representative for Kawneer Window systems. I always appreciated Tom's willingness and availability to help a young Architect understand his manufacturer's product. Tom also spent many years helping the Chapter on various committees. To Carol and his family, our condolences. He will be missed. ■

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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to dalek@emerick.com. 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.

Place your Insert in The Predator!

Member Price: \$ 200

For more information contact the Editor. (Non-Members contact the Membership Committee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

THE PREDICATOR STAFF

Publication Committee

Inge Carstanjen
Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

Editor

Dianne Kuykendall,
Kuykendall Marketing Services

Printer

Echo Greyhound Printing

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BASIC SPECS

by Ken Searl, FCSI, CCS

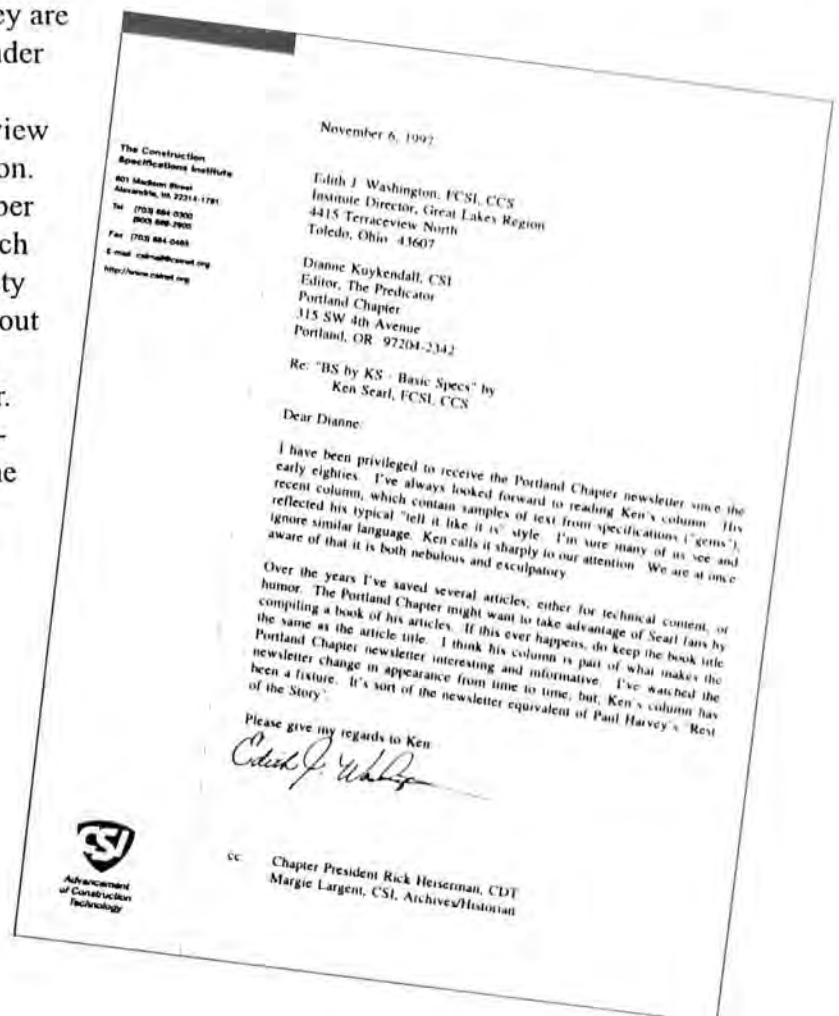
On March 5th a Slab Moisture Workshop was held in Portland with over 300 people in attendance. Attendees were presented a list of problems when the floor covering contractor arrived at jobsite and whether to proceed with installation or not. I list these items:

1. No heat in building.
2. Poor lighting.
3. Concrete slab covered with construction debris.
4. Slab not level, water ponding in places and numerous cracking other than minor.
5. Moisture test reveals 12 lbs. using standard chloride test. Maximum moisture is 3 to 5 lbs, depending upon flooring manufacturer's requirements.

Many floor installers inform me that one or more of these conditions apply on many projects and they are getting tired of trying to place floor covering under these conditions. For those of you that did not attend this workshop, I recommend that you review your specifications and try to rectify this situation. Most serious of above listed conditions is Number 5. If this occurs it usually indicates that too much moisture remains in concrete slab due to a variety of reasons. Many times concrete is placed without a vapor retarder and some placed with a vapor retarder including a sand fill over vapor retarder. This is a no-no. I presented a three page discussion paper at this workshop and have made some revisions. If any of you would like a copy of my revised discussion, let me know and I will send you one either by mail or fax.

It has been called to my attention there is a problem sometimes in an installation involving a pair of exterior swinging doors when one leaf is power operated meeting ADA requirements and the other leaf has a standard closer also meeting ADA requirements. The problem is that the power operated leaf does not have to meet a maximum 8-1/2 pounds of opening force but the other leaf is

required to meet 8-1/2 pounds opening force. What becomes a problem is that some specifiers are requesting that powered opening leaf meet 8-1/2 pounds opening force so that when a person does not need or want to push operating button but prefers to push manually, opening force can be up to 15 pounds. ADA requirements state that opening force cannot exceed 15 pounds. One supplier of a well known power operator door system who installs power operated doors meeting ADA requirements states he is legal at 15 pounds opening force manually. If this is legal then why are some architects/specifiers demanding it be changed to 8-1/2 pounds? He is very concerned if door opening force is changed to 8-1/2 pounds then the door is subject to unusual negative and positive pressures and under certain windy conditions door operation equipment can be damaged. He also stated that he has been requested to lower single leaf doors with ADA power operator to 8-1/2 pounds manually. Anyone out there care to comment on this situation? ■



EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Jan. 8 SSG Lunch Meeting "Creteseal" A Solution to Concrete Floor Moisture Problems?
(2 LU's/HSW)
- Jan. 12 PRSG Lunch Meeting
- Jan. 13 CSI Dinner Meeting "The State of the Economy in our Region" (3 LU's) 297-2162**
- Jan. 22 SSG Lunch Meeting "Continuation of Division 1, 15, & 16 Coordination Discussions."
(2 LU's/HSW)
- Feb. 9 PRSG Lunch Meeting
- Feb. 10 CSI Dinner Meeting "Team Building" (2 LU's) 297-2162**
- Feb. 12 SSG Lunch Meeting (2 LU's/HSW)
- Feb. 26 SSG Lunch Meeting (2 LU's/HSW)

Future CSI Events

- Leadership Conference, Puget Sound, April 24-26, 1998 (206) 382-3393
- AIA/CSI/IIDA Products Fair, Portland, May 5, 1998, (360) 573-7834
- National Convention, Baltimore, Maryland, June 24-28, 1998
- Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Seminars Under Consideration

- Feb./Mar. Manual of Practice (M.O.P.)
- TBA Special Inspection

ABBREVIATIONS & CONTACTS

- HSW Health, Safety & Welfare credits
- Product Rep Share Group—Mike Beeson 684-3187,
(meets 12:00-1:00pm at C.A. Newell, 3002 N. Wygant)
- LUs AIA Learning Units available
- PRSG Specifiers Share Group—Bob Easton 228-5617,
(meets 12:00-1:00pm at ZGF, 320 SW Oak, 5th Fl.)

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

CONSTRUCTION INDUSTRY GETS A COMPREHENSIVE STUCCO MANUAL.

The Northwest Wall and Ceiling Bureau (NWCB) has released its new *Stucco Resource Guide*, which is the first comprehensive guide to designing and building with stucco.

The 171-page manual contains information on the properties of stucco, a guide specification for stucco projects and over 100 details illustrating the proper design and use of stucco. Included in the manual are also a table outlining the bureau's recommendation for

the scope of job responsibilities of the parties (owner/architect, general contractor and plastering contractor) and an extensive quality assurance checklist for a stucco project.

The NWCB is an international trade association serving the wall and ceiling industry in the Northwestern United States and Western Canada. The NWCB headquarters is located in Seattle, WA.

The NWCB *Stucco Resource Guide* is now available for purchase. If you are interested in ordering copies of the publication, contact the NWCB office in Seattle at (206) 524-4243 or in Portland at (503) 295-0333.

1998 LEADERSHIP CONFERENCE

WHO <i>should attend?</i>	All incoming and outgoing board members and committee chairs.
WHAT <i>is the purpose?</i>	To provide training for Chapter officers and committee chairs.
WHERE <i>will it be?</i>	Holiday Inn Select Renton, Washington
WHEN <i>does this happen?</i>	April 24 - 26, 1998
WHY <i>attend?</i>	Improve your leadership skills. Learn from other Chapters. For personal career growth. IT'S FUN!

Mark your calendar! More information to follow.

We hope to see you there!

Hosted by: Puget Sound Chapter
The Construction Specifications Institute

TECHNICAL NEWS

MasterFormat 95, Electronic Version

MasterFormat 95, Electronic Version has been designed to enable users to quickly and automatically search for and compare 1988 and 1995 titles and numbers, using various search criteria. Users also will be able to retrieve information from MasterFormat for placement in a word-processing document.

Based on Microsoft Windows help file, the electronic format of the 1995 edition of MasterFormat gives users the added flexibility of keyword searches, division, number and title searches. Queries will locate 1988 subjects in the 1995 edition. Contact the Institute for more information.



5 Reasons to Attend a CSI Seminar

- Beat your competition with *Cutting-Edge* ideas and solutions to put you ahead and keep you there.
- Gain new ideas to use now.
- Bypass On-the-job training for CSI *Fast-Track* learning.
- Network with fellow professionals and faculty.
- Earn CSI Continuing Education Units, AIA Learning Units and NSPE Professional Development Hours while you learn — Get a head start on CSI Certifications — CCCA, CCS, and CCPR.

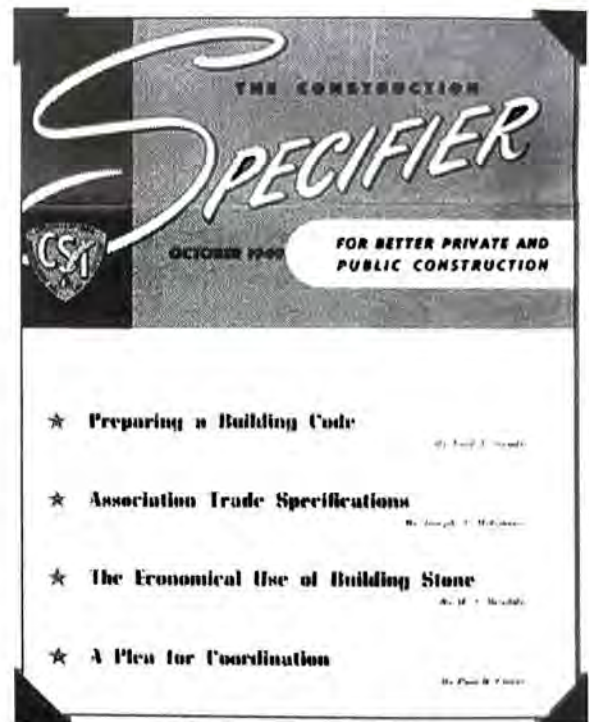


INSTITUTE NEWS

Year Two: The Construction Specifier

The year is 1949. Lego® building blocks are invented and the North Atlantic Treaty Organization (NATO) is founded.

As a fledgling organization, CSI needed a voice to speak to the construction industry. The first issue of *The Construction Specifier* magazine was published in July 1949. The *Specifier* was a quarterly publication and subscriptions cost \$2.50 a year; individual copies were 75 cents. Five thousand copies of the first issue were distributed. Carl Ebert, the first editor, planned for eventual bimonthly and then monthly publication, a goal realized by 1960.



*The Construction Specifier
October 1949*

The first magazine inaugurated a “Specification Clinic” to which members could submit specifications for review by experts. The magazine would publish specifications and comments to provide a critique/discussion not available to the specifier because of time constraints. The magazine also committed itself to publishing “a list of members in your state” with the hope that people would form chapters.

Year Two: The Construction Specifier (Cont.)

Letters to the Editor:

The first edition of The Construction Specifier brought strong reactions in the form of letters to the editor, excerpts of which were published in the October 1949 edition. Among the comments:

"I am in receipt of the Construction Specifier, which laid unattended on my desk for some time. When I picked it up yesterday, I found myself so absorbed by it that it was impossible to lay it down before I had read it from cover to cover. I find a companionship of purpose and intent in and between the lines of each article, and I wish to say that from such a splendid beginning, I hope to see rise an excellent organization. You may count upon my wholehearted cooperation in every respect."

Sincerely yours,
Robert J. Gargrave
Cincinnati 29, Ohio

"Kindly send me your membership application form as I am very much interested in C.S.I. after having read the July issue of The Specifier."

Very truly yours,
L.E. Schell
Chicago 41, Illinois

"...Congratulations on your first issue. Publication of the magazine is thoroughly justified by the material contained therein. As the lecturer in charge of the course in Materials and Methods of Construction (and Specifications) at the School of Architecture, Western Reserve University, I am anxious to have copies on file for the use of the students...."

Very truly yours,
Emil J. Szendy, AIA
Cleveland 14, Ohio

"We have noticed with interest your July publication and feel that your work is outstandingly propitious."

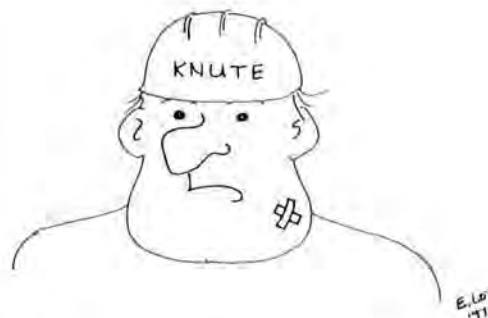
Very truly yours,
Herbert Voelcker
Herbert Voelcker & Assoc.
Houston, Texas

"I had a very interesting conversation with Mr. Schoemer, of the Contract Hardware Association, a few days ago and he spoke very highly of your organization. He also indicated that your new quarterly magazine Construction Specifier will be a very interesting and important aid for specifications writers. We would greatly appreciate receiving a copy of the July issue of your new magazine and will certainly go through it with a great deal of interest. Thanking you in advance, we remain,"

Yours very truly,
Wilson M. Compton, Jr.
New York, New York

THE REAL WORLD by Ed Loy, CSI, CDT

KNUTE, THE NEW-AGE
SUPERINTENDENT



I'VE BEEN BEATING MYSELF UP OVER THIS ISSUE - HOW DO I CHEW OUT THE DRYWALL GUYS WITHOUT SHATTERING THEIR FRAGILE SELF-ESTEEM? AND IF I DON'T CHEW THEM OUT, WHAT ABOUT MY SELF-ESTEEM?

READERS - HELP KNUTE OUT OF HIS DILEMMA
BY E-MAILING YOUR COMMENTS TO
lemons@proaxis.com.

BUILDING TOWARD THE FUTURE: THE DESIGN/BUILD PROCESS. by Ellen Onstad, CSI, CDT

The November 11th CSI Dinner meeting was "Building toward the Future: the Design/Build Process." Mr. Edward Wundram, AIA, CSI of the Design/Build Consulting Group, took us to the future and also explained the past. Design/Build is a return to the way buildings were constructed for many years. Originally architects were Designers and Builders. As buildings became more complicated, designers and builders became separated. ENR (Engineering News Record) projects 50% of new projects will be design/build by the year 2002. There are many buildings around the world and in the Portland area, that were constructed with Design/Build contracts. The most prominent may be the Portland Building and the Washington County Justice Complex.

As Design/Build projects become more common, the proposal documents may be easier to understand. What is becoming more common, in conjunction with the Design/Build process, is the concept of pre-qualifying the prospective General Contractors (the Designer/Builder), with a select list of bidders on a project, as opposed to accepting a bid from any firm able to obtain a bond. The positive aspect of the select list of Design/Build Contractors is that the Customer (Owner) should be happy with the end use product (because they have to live/work in it) and if they are not happy, the General Contractor would have a more difficult time getting on the next invited GC list. The Federal Government is using Forms 254 and 255 to obtain qualifications and experience of prospective Design/Build Contractors.

There are many ways of selecting a Design/Build Contractor.

- Stipulated Sum Proposals/Best Value
All bid same documents - it is the end use product (Building) that is judged.
- Design and Cost Proposal-Weighted Criteria
Criteria is stated up front and each has its own weight (highest points win).
- Equivalent Design-Low Bidder, Technical Levels-Review and Critique
Make proposal of equivalent buildings - Review and Critique each Facility.

- Meets Criteria/Low Bidders
Pre-engineered building using performance specs.
Simple bids/simple buildings.

Advantages of Design/Build

- Single point of responsibility (Longer Warranty).
- Accelerated project delivery (Fast Track).
- Utilizes Designer Builder Synergy. (All players join the Team).
- Multiple design choice with equal prices.
- Performance Guarantees are available.
- Avoids adversarial relationships (Design/Builder in same boat).
- Requires less oversight by Owner.
- Performance guarantees Owner not responsible for gaps in contract.
- Construction Documents are like shop drawings - Proposal Drawings are difficult to tell what the building will look like, they may not be as detailed as Design/Bid/Build documents.

Disadvantages of Design/Build

- Require Owner to determine needs early and in considerable detail-extra effort to get best firms to apply-test by standard measures.
- Complex subjective selection process-think on paper-function/image.
- Proposal preparation is costly-owner may pay honorarium and/or, builder may choose to pay design team honorarium, compete for projects-other basis (job-experience-job).
- Owner must commit to contract before design details are known-trust on incomplete documents.
- Owner's strict design control is not practical, not every single detail-contract slow-some things are on order day after award-work starts immediately-more difficult to change.
- Owner's reviews must be timely, changes need to be clear, or the building may be "finished" without incorporating proposed changes.

In closing, more and more projects seem to be moving toward the design/build way of contracting. In many ways Design/Build is easier for the Contractor and the Owner. However it can be much more difficult for the Architect (who becomes a consultant to the Design/Build Contractor) and Subcontractor's/suppliers (who need to learn about projects at a different stage). It will take a while for the construction community to comprehend and master the Design/Build process. For specific projects it may be a good idea - but for some buildings it might be easier to do the traditional Design/Bid/Build Process. ■

A TRIBUTE TO TOM CLUCAS

by Ken Searl, FCSI, CCS

In November 1997, Tom Clucas, a member since 1972 of Portland Chapter CSI, passed away. Tom will surely be missed by many. I have always held the highest regard for Tom. He not only did his job very well and was always a real gentleman (My mother's highest compliment for a man or woman was to refer to them as a real lady or a real gentleman.) I follow in my mother's footsteps in this regard. Tom worked many years for Kawneer Company. In recent years, Tom and wife Carol operated a firm named Unique Design Products, Inc.

Tom had many qualities, one of the best being if you needed help he was always available and cheerfully gave you the help and information needed. I remember a situation years ago when one of our projects was equipped with his products. It was a bank with large exterior windows. I noticed upon a visit to this structure that window gasket seals seemed to be deteriorating. I was considering calling Tom to discuss this situation when he came to my office and asked for permission from us and owner to replace these gasket seals at no cost to owner. He stated that they had four buildings with defective gaskets and were replacing them. It is noted these gaskets were not manufactured by Kawneer but by a contract supplier. This was a large undertaking due to the amount of exterior glazing. Work was accomplished in a smooth, timely manner.

One time, I remember that Tom arranged for me to go by Kawneer company jet to visit and tour their Visalia, California plant. I learned a lot about doors and storefront systems that helped greatly in future specifications. I also learned that his company was committed to furnishing an excellent product plus honesty in customer relations.

A few years ago one of our clients complained that exterior aluminum doors, manufactured by other than Tom's company, installed on one of their buildings was coming apart at upper corners. Owner stated they

did not want this manufacturer's product on future buildings. I called Tom and asked him for his opinion. Tom arranged for diagonal cuts at tops and bottoms of both manufacturers doors. It was certainly an eye opener. Tom's manufacturer's doors had very strong bracing at corners. Other manufacturer's corners had in my opinion minimal bracing.

TOM'S SERVICE TO CSI INCLUDED:

Joined CSI in 1972

CSI Specification Competition Judge 1973

Team member of Portland Chapter hosting CSI Convention 1974

Assisted in formation of Portland Chapter Products Show/Fair 1975

(Note: Tom participated in most future annual Product Show/Fairs)

Chair of Awards Committee 1989

Chair of Bi-Region display booths 1991

Received Chapter 20 year pin at Northwest Region Conference held at Skamania Lodge 1993

Awarded Chapter Certificate of Appreciation - Service to Chapter and Region 1993



**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
November 4, 1997**

CALL TO ORDER: The meeting was called to order by President Rick Heiserman at 12:08 p.m. at the AIA/CSI Conference Room.

QUORUM: Yes.

PRESENT: Rick Heiserman, Dale Kuykendall, Linda Joens, Cornelia Gibson, Inge Carstanjen, Igo Jurgens, Bob Easton, Dennet Latham, Mike Watson.

ABSENT: John Kehrli, Chris Irwin

ALSO PRESENT: John Lape, Dianne Kuykendall, Lee Kilbourn.

1. MINUTES: The October 7, 1997 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT:

A. John reviewed the financial reports and noted that deposits for the December Dinner Cruise have been made. He also remarked that the expected income projections from seminars may be estimated too high.

3. CORRESPONDENCE:

A. Ms. Linda E. Helm of the National Association of Women in Construction (NAWIC) sent an invitation to attend their annual fund raising event. NAWIC offers scholarships to men and women pursuing construction related careers. Motion was made seconded and unanimously approved to donate \$250 to NAWIC.

4. EDUCATION/CERTIFICATION/PROGRAMS:

A. This year's Certification classes will be taught by several individuals. They are: Dennet Latham - Use of Construction Documents, Ray Totten - Modification and Substitution Procedures, Jody Moore- A-201, Bob Easton - Organizational Formats Used in Construction, Bob Hesseltine - Construction Process Overview, John Lape - Interpreting Construction Documents Construction Delivery Methods, Dennis Obert - Review. Class fee will be \$75 for members and \$95 for non-members.

B. Hardware Seminar on November 4th and 5th will offer 30 Health, Safety and Welfare Learning Units.

C. On December 11, 1997 a seminar on AIA documents will be offered.

D. The November Dinner Meeting will feature Ed Wundram's program on Design/Build.

5. OLD BUSINESS:

A. 98 Region Conference: The partial remodel of Salishan Lodge was discussed. This has no effect on our contractual agreements. Various levels of sponsorships for the Region Conference will be available soon.

B. Joanne Simpson, AIA has inquired about the ongoing efforts to publish a book about the life and history of Mary Alice Hutchins. This project is spearheaded by Dr. Perky Kilbourn.

6. NEW BUSINESS:

A. Eight additional sponsorships are available for the December Holiday Cruise. Sponsors will be announced during the cruise and in The Predicator.

B. President Rick Heiserman submitted his written "Second Term Option" of his candidacy to the Board. His candidacy was unanimously applauded and approved.

7. COMMITTEE REPORTS:

A. Products Fair 98: IIDA has identified a speaker for the event. Chapter is still investigating. Registration packets are scheduled to be sent end of November.

B. Institute Awards: Nominations for National Awards are due by Feb. 1, 1998.

C. Specifier Share Group (SSG) will meet to discuss wording in Division 1, 15, and 16.

NEXT MEETING: December 2, 1997 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 12:54 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

- President**
Rick Heiserman, CDT 223-1181
- President-Elect**
Igo Jurgens, CSI 223-0992
- Immediate Past-President**
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Inge Carstanjen, CDT. 297-2162
- Director, Professional 1996-1998**
Dennet Latham, CCS. 224-6040
- Director, Professional 1997-1999**
Bob Easton, CCS. 228-5617
- Director, Industry 1996-1998**
Linda Joens, CSI. 274-0086
- Director, Industry 1996-1998**
John Kehrl, CSI. 644-7102
- Director, Industry 1997-1999**
Mike Watson, CDT. 239-8128
- Director, Industry 1997-1999**
Chris Irwin, CDT. 650-0148

COMMITTEE LEADERS

- Archives/Historian**
Margie Largent, CSI. 620-6573

- Awards**
Mike Watson, CDT. 239-8128
- By-Laws**
Ken Searl, CCS. 362-3472
- Certification**
Chris Irwin, CDT 650-0148
- Editor**
Dianne Kuykendall, CSI 631-3782
- Education**
Tim Cockburn, CCPR. 666-5544
- Finance**
John Lape, CCS. 243-2837
- '98 Region Conference**
John Lape, CCS. 243-2837
- Liaison**
Igo Jurgens, CSI. 223-0992
- Library**
Perky Kilbourn, CSI. 222-5279
- Membership**
Lee Kilbourn, CCS. 417-4400
- Nominations**
Rick Heiserman, CDT. 223-1181
- Orientation**
Linda Joens, CSI. 274-0086
- Planning**
Rick Heiserman, CDT. 223-1181
- Product Rep Share Group**
Mike Becson, CDT. 684-3187
- Products Fair**
Cherie McNabb, CDT. 888-944-2123
- Programs**
Phyllis Fritzie, CDT. 203-9207

- Publicity**
Dianne Kuykendall, CSI. 631-3782
- Specifiers Share Group**
Bob Easton, CCS. 228-5617
- Technical**
Bob Easton, CCS. 228-5617

**INSTITUTE
DIRECTORS**

- Dick Kissick, CCPR. 253-759-3801
Dex-O-Tex Division
Crossfield Products Corp.
5249 N. 10th Street
Tacoma, WA 98406
- John Lape, CCS. 503-243-2837
Lape Architects
5410 SW Macadam, #270
Portland, OR 97201

**REGION
COMMITTEE LEADERS**

- Archives/Historian**
Margie Largent, CSI. 503-620-6573
- Awards**
Mike Amsbury, CDT. 509-483-6315
- Education**
Richard Floyd, CDT. 206-241-9071
- Membership**
Karen Morris, CSI. 208-343-3620
- Publication**
Dianne Kuykendall, CSI. 503-631-3782
- Technical**
Carl Grundberg, CDT. 907-272-8833

- Certification**
Dennis Obert, CCS. 503-603-9346
- Planning**
Ralph Robinson, CSI. 425-868-1922

**NORTHWEST REGION
CHAPTER MEETINGS**

- The contacts below are the program chairs or officers of various chapters
- Cook Inlet, Anchorage, AK
(Third Tuesday)
Frank Rast. 907-522-1707
- Puget Sound, Seattle, WA
(Second Thursday)
Relta Gray. 206-382-3393
- Mt. Rainier, Tacoma, WA
(Third Wednesday)
Glenda Kelly. 206-383-1704
- Spokane, WA
(Second Thursday)
Sherry Harbaugh. 509-456-6525
- Portland, OR
(Second Tuesday)
Inge Carstanjen. 503-297-2162
- Capital, Salem, OR
(Fourth Thursday)
Mark Burleson. 503-390-0281
- Willamette Valley, Eugene, OR
(Last Thursday)
James Wentworth. 541-346-2288
- Idaho, Boise, ID
(First Tuesday)
Karen Morris. 208-345-3620

**'97/ '98 PORTLAND CHAPTER CSI
DINNER PROGRAMS**

- Jan. 13th** — "The State of the Economy in our Region"
- Feb. 10th** — "Team Building"
- Mar. 10th** — "Happy Birthday CSI — A walk through the last 50 years and a look to the future"
- April 14th** — "Manufacturing Better Building Products in Oregon"

- May 5th** — "CSI Products Fair"
- June 9th** — "CSI Chapter Awards"



*Advancement
of Construction
Technology*

THE PREDICATOR

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Address Service Requested

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6775 SW 111TH AVENUE SUITE 20
BEAVERTON, OR 97008



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JAN 01 1997

**EKA ARCHITECTS
& PLANNERS**

THE STATE OF THE ECONOMY IN OUR REGION — JANUARY 13TH

Name _____ Company _____

Telephone _____ Fax _____

Payment Method? Check • Visa • MasterCard Vegetarian Dinner? Yes • No
(please circle one)

Amount _____ (Preregistration \$25 per person — Walk-in \$30 per person)

Cardholder Name _____

Card Number _____ Expires _____

Authorized Signature _____

Please make nametags for my guest(s) _____

Fax your reservation no later than January 9th.

• FAX (503) 297-3183 •

Checks may be mailed to: 9578 SW Morrison St. • Portland, OR 97225

If you have any questions, please call (503) 297-2162.



the PREDICATOR

CHANGING FACES, CHANGING TIMES: DIVERSE TEAMS AT WORK

In 1987, a ground breaking report from the Hudson Institute, *Workforce 2000: Work and Workers for the 21st Century*, commissioned by the US Department of Labor, revealed how dramatically the labor pool is changing. In the report, the authors documented changes in our demographic and labor force that are affecting the way American organizations operate and the nation's ability to compete in the global marketplace.

Workforce 2000 projects that by the year 2000 people of color, women, and immigrants will constitute 85 percent of the nation's workforce. By the year 2000 only 15 percent of the net increase in the workforce will be white male.

In today's highly competitive world, organizations with downsized staffs and tighter resources are increasingly turning to teams to achieve performance objectives and maximize productivity by solving problems, creating new products, and improving customer service. Often, organizational survival depends on how well teams work.

America is also changing and becoming more and more culturally and linguistically diverse. Is your company or organization prepared for these demographic shifts? Does your management staff, supervisors, and employees have the necessary knowledge and skills to work in a diverse workforce? Are you asking your employees to work in teams?

These are some of the questions that will be addressed by Wayne Baseden, President of Baseden Seminars, Beaverton, Oregon. Baseden Seminars mission is to provide professional training and development programs that will assist organizations in maximizing their human resources operations.

Tuesday, February 10th

**Greet your colleagues at 5:30pm, No-host bar
Dinner 6:30pm, Presentation 7:30pm to 9:00pm**

**You are welcome to join us for the presentation only.
US Bancorp Tower, 111 SW Fifth Avenue, Floor 41
See back page for reservation information.**

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VOLUME 37, No. 7

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

PRESIDENT'S MESSAGE

by Rick Heiserman, CSI, CDT, AIA

The 130 people who attended the December boat cruise had a good time, enjoyed good food and friendships on the Willamette River. This was a special evening to relax and spend time with spouses and those we do business with. This was the second year in a row we have cruised on the Willamette. We had a larger boat to accommodate a larger group and larger costs. The December Chapter meetings have historically been one of the lowest attended meetings of the year. At 130 people, the December 1997 meeting (social) was our largest. Expenses for this cruise were met through sponsorship and individual dinner cost. This did not affect the Chapter budget. A special thanks to the sponsors. Should we do something similar next year? Your responses

and comments for planning 1998 are encouraged and appreciated.

At the January Board of Directors meeting, a proposal was brought forward and passed for individuals and companies to Sponsor/Invest in the Chapter. This proposal was to seek funding at one time of the year rather than for individual events like the boat cruise. In return for sponsorship investment, the Chapter will advertise and promote a company and/or product. This is modeled to some degree after what the Institute has been doing on a national level for some time. This offer will be made available beginning in January 1998 for the calendar year 1998.

As the largest Chapter in the Region, I have felt for some time that we should help the smaller Chapters with their costs. Some of the dollars generated in this Sponsorship/Investment may go to the



host Chapter of the Region Conferences in the form of advertisement at the Conference. As you consider your promotional investment for the 1998 year, consider sponsoring in the Portland Chapter 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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to dalek@emerick.com. 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.

Place your Insert in The Predator!

Member Price: \$ 450

For more information contact the Editor. (Non-Members contact the Membership Committee.)

Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

THE PREDICATOR STAFF

Publication Committee

Inge Carstanjen
Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

Editor

Dianne Kuykendall,
Kuykendall Marketing Services

Printer

Echo Greyhound Printing

BS BY KS

BASIC SPECS

by Ken Searl, FCSI, CCS

There are two items that concern me. They are the latest revisions to AIA 201 General Conditions, and all that talk and dire predications of what will happen to computers when we reach year 2000. I will discuss the last item.

We hear that many items including computers will not work without expensive changes. For example, in my morning newspaper there is an article regarding this. One Oregon State agency is OK on their large computer systems but their individual computers will require expensive changes. Another item in the newspaper says the State will have to spend 75 million dollars to correct other systems.

For the individual computer, there is a way to avoid changing computer dating. Revise your date on your computer during month of January 1998 to read 1981 to represent 1998. (Reference file for dates can be found in US West Telephone Directory. This reference calendar lists dates from 1796 to 2025.) 1981 has the same calendar order as 1998. This method involves converting dates as needed. For example, a directory file using this method 1-1-81 is actually 1-1-98. I find most of us are not too interested in dates on a directory but more interested in name of the file.

I have been using this method since November 1997 without any problems, and the system changed to the December calendar on time and to 1998. I will use this method until I buy a new computer or programs when they are equipped with correct dating system. I feel this method will also work on office networks with a server handling a number of computers.

In previous BS Columns I have mentioned our orange cat that gave us a bad time by operating our answering machine by stepping on the playback button and how we outsmarted that rascal. There is more to the story. That cat found that by jumping on our lever handled back door lockset, it would open, and if the storm door was not locked or engaged in place, he pushed on

this door and out he went. We came home one day and the storm door was closed but the inner door was wide open. We thought someone had entered our house but a next door neighbor said he was working on his porch deck the entire time we were gone and no one came to our back door. We couldn't figure it out until one day we heard a noise at the back door and looked and it was our cat going out. We did outsmart him by installing a dead bolt that so far he hasn't figured out how to operate. If he figures this out, I would consider trading or selling that rascally cat.

I close with a quote in this morning's paper... "Dogs come when they're called. Cats take a message and get back to you later."

Next month I will probably discuss AIA 201 revisions and will try to cover what I feel needs Supplementary Conditions revisions. ■

THE REAL WORLD

by Ed Loy, CSI, CDT

SNODGRASS PUZZLES OVER A POINT OF GRAMMAR IN HIS SUPPLEMENTARY CONDITIONS.



I CAN NEVER REMEMBER. IS IT "WHOEVER THE CONTRACTOR CAN BROWBEAT..." OR "WHOMEVER THE CONTRACTOR CAN BROWBEAT...?"

EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Feb. 9 PRSG Lunch Meeting
Feb. 10 **CSI Dinner Meeting "Changing Faces, Changing Times: Diverse Teams at Work"**
(3 LU's) 297-2162
Feb. 12 SSG Lunch Meeting (2 LU's/HSW)
Feb. 12 Start of Certification/MOP Classes (32 LU's/HSW) 650-0148
Feb. 26 SSG Lunch Meeting (2 LU's/HSW)

Mar. 9 PRSG Lunch Meeting
Mar. 10 **CSI Dinner Meeting "Happy Birthday CSI — A walk through the last 50 years
and a look to the future" (3 LU's) 297-2162**
Mar. 12 SSG Lunch Meeting (2 LU's/HSW)
Mar. 26 SSG Lunch Meeting (2 LU's/HSW)

Apr. 9 SSG Lunch Meeting (2 LU's/HSW)
Apr. 12 PRSG Lunch Meeting
Apr. 14 **CSI Dinner Meeting "Manufacturing Better Building Products in Oregon"**
(3 LU's) 297-2162
Apr. 23 SSG Lunch Meeting (2 LU's/HSW)
Apr. 24-26 Leadership Conference, Renton, WA (206) 382-3393

May 5 **AIA/CSI/IIDA Products Fair (2 LU's/HSW/Hr.) (360) 573-7834**
Speaker: Arthur Erickson
May 14 SSG Lunch Meeting (2 LU's/HSW)
May 28 SSG Lunch Meeting (2 LU's/HSW)

Future CSI Events

- Leadership Conference, Puget Sound, April 24-26, 1998 (206) 382-3393
National Convention, Baltimore, Maryland, June 24-28, 1998
Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Seminars Under Consideration

- TBA Special Inspection

Other Events:

- AIA Spring Lecture Series, (starts March 12) 223-8757

ABBREVIATIONS & CONTACTS

- | | |
|--|---|
| HSW Health, Safety & Welfare credits | LUs AIA Learning Units available PRSG |
| Product Rep Share Group—Mike Beeson 684-3187,
(meets 12:00-1:00pm at C.A. Newell, 3002 N. Wygant) | SSG Specifiers Share Group—Bob Easton 228-5617,
(meets 12:00-1:00pm at ZGF, 320 SW Oak, 5th Fl.) |

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

TO THE EDITOR

It is with great sorrow that I write this letter. I have just received the December CAPITOL NEWS and have learned of Tom Clucas's death while reading BS by KS.

I knew Tom for a long time. He and I talked many times about many subjects while we both visited the Builders Exchange on a daily basis. When I was in a position of leadership in CSI, Tom was always willing to help each time I asked. He was a pleasure to know and work with.

In the later stages of our careers, my wife and I moved to Vancouver, Washington about two blocks from where Carol and Tom lived. We visited each other and frequently chatted on the phone...mainly about how we could help CSI in the Vancouver area.

One of the best remembrances that I have of Tom is of a true (always the best kind) story that he told to a group of us at a CSI Regional Conference in Anchorage, Alaska some years ago. Tom related that on one of his routine visits to Alaska, he had Kawneer Company's Sales Man-

ager along with him. They were scheduled to pay a visit to some distant, remote town and as was customary, they were going to be flown there in a small plane piloted by the typical Alaskan bush pilot. The sales manager and Tom were instructed to board the plane which was loaded to capacity with hardly any room for passengers. They sat there and looked all around and wondered about all the cargo etc., and whether it would be a safe flight. During their gazing about, they heard a commotion at the front of the plane. A small window opened and then a head appeared and then a body squeezed through. IT WAS THE PILOT, complete with a full beard, silk scarf and leather flying helmet with goggles taking his position in the flying seat. The sales manager's eyes got bigger and then he turned to Tom and said "Clucas...you're dog meat"!!! Tom was mostly sort of a serious kind of guy which made the story even better.

Tom was a man of good manners and actions...a gentleman. I'm glad I knew him.

Sincerely,

R. "Dick" Gira

1998 LEADERSHIP CONFERENCE

- | | |
|-------------------------------|---|
| WHO should attend? | All incoming and outgoing board members and committee chairs. |
| WHAT is the purpose? | To provide training for Chapter officers and committee chairs. |
| WHERE will it be? | Holiday Inn Select
Renton, Washington |
| WHEN does this happen? | April 24 - 26, 1998 |
| WHY attend? | Improve your leadership skills.
Learn from other Chapters.
For personal career growth.
IT'S FUN! |

Mark your calendar! More information to follow.

We hope to see you there!

Hosted by: Puget Sound Chapter
The Construction Specifications Institute

INDUSTRY NEWS

Engineers Salaries Up Slightly

Despite tight labor markets, engineers saw only modest increases in compensation in 1997, according to the Engineering Workforce Commission (EWC) of the American Association of Engineering Societies.

According to an EWC survey of more than 180 corporations, engineers who were five years out of their undergraduate program were earning a median salary of \$42,000. The highest paying entry-level discipline was petroleum engineering with a \$42,150 median starting salary in 1997.

The survey offers salary details according to industrial sector, size of employer, geographic region, supervisory status, and engineering experience.

More information is available from the EWC marketing manager by calling (888) 400-AAES, ext. 209.

—Engineering Times, November 1997

Construction Of New Laser Facility Underway

Construction of the \$1.2 billion National Ignition Facility (NIF) is underway at Lawrence Livermore National Laboratory in Livermore, California.

Scientists at the NIF will use the world's largest laser to recreate energy of the sun. The government will be able to test nuclear materials at the facility without detonating any weapons.

The NIF's design consists of two structures connected by an environmentally controlled corridor. One building will house the laser system, target chamber, optical switchyard, and computer control systems. The other will contain 3065 m² (33,000 ft²) of laser optics.

Research performed at the facility will help establish a model for electric power generation using fusion as an energy source.

—Architectural Record, November 1997

INSTITUTE NEWS

Top Ten Reasons To Celebrate National Engineers Week

10. Because if we don't, those darn scientists will take credit for all of our efforts.
9. To remind those jerks in school just who's having fun now.
8. Even garbage collectors want to be called engineers.
7. To stop people from snickering when we discuss "flocculating" devices.
6. "ENGINEER" - you can't spell it without "G.E.E.!"
5. It's neither that or "Broccoli Awareness Week."
4. What else have you got to do in the third week of February?
3. Spring will come early if enough engineers emerge from the shadows.
2. Pocket Protectors! Pocket Protectors! Pocket Protectors!
1. Because 1,800,000 engineers can't be wrong.

Seriously, National Engineers Week, February 22-28, offers great opportunities to educate the public and communicate pride in the profession. National Engineers Week was founded in 1951 by the National Society of Professional Engineers to bring public attention to the contributions of engineers to improving our quality of life. It is jointly sponsored by 18 engineering societies and 15 major corporations with the cooperation of hundreds of businesses, colleges, professional and technical societies, including CSI, and government agencies. The celebration's theme is "Engineers: Turning Ideas Into Reality."



Fundamentals of Commercial Construction Practice, Processes and Documents

This intense 8-week course will broaden your knowledge and ability to succeed in our diverse and challenging industry. Taught by experts in the field, it is designed for architects, contractors and product representatives. If you are seeking CSI certification, this class will be invaluable in gaining the knowledge you will need. If certification is not your goal but you want to do a better job, this class is for you.

AIA Members: You can earn 32 AIA Learning Units!

February 12	Overview of Entire Construction Process — Bob Hesseltine, CCS
February 19	Use of Construction Documents — Dennet Latham, CCS
February 26	Formats for Organizing Construction Documents — Bob Easton, CCS
March 5	Construction Delivery Methods — John Lape, CCS
March 12	AIA 201 Contract General Conditions — Jody Moore, CCPR
March 19	Division One — General Requirements — Dennis Obert, CCS
March 26	Substitutions and Modifications — Ray Totten, CCS
April 2	Review of all Topics
April 4	Certifications Exams

*All classes will be held at Rodda Paint Company, 6932 SW Macadam Portland, OR
Time: 6:30pm to 9:00pm*

*To Register: Mail this form with your check to: CSI office, 9578 SW Morrison St., Portland,
OR 97225, or Fax this form with your credit card information to (503) 297-3183.
For more information call (503) 297-2162.*

Name: _____ Company: _____

Phone: _____ Fax: _____

Amount: _____ \$ 75.00 for CSI members

\$ 95.00 for non-members

Payment Method? (please circle one)

Check • Visa • MasterCard

Plus the cost of CSI Manual of Practice

(Can be purchased at the first class.)

Cardholder Name: _____

Card Number: _____

Expires: _____

Authorized Signature: _____

Are you going for Certification? _____ You can apply for Certification until January 31. Call Now!

HOLIDAY DINNER CRUISE

by John Lape, CSI, CCS, AIA

In ancient times, God told Noah it was going to rain for 40 days and 40 nights. He gave them a prescriptive specification for an ark. He told them to make it 40 cubits by 10 cubits by 20 cubits, and to round up the animals two by two.

In modern times, Rick realized that it rains more than 40 days in the winter, in the Northwest! He gave Phyllis a performance specification for this year's cruise; make it bigger and better than last year's. And so, on December 16th, the CSI'ers came down the gangplank, two by two, representing all the jungles of mankind.

The 1997 Holiday Cruise was a terrific party, on the top deck of the Portland Spirit. Almost 130 people sang, ate, partied, and danced the night away.

The band Rock Residue, kept things hopping from the moment we boarded, until long after we docked. We all had such a good time, many didn't even notice the

changing landscape, as we cruised up and down the Willamette. The Christmas ships hardly even elicited an ooh or an aah.

Kevin Martin led a rousing rendition of the Twelve Days of Christmas. There were many CSI friends in attendance, both new and old. Many people were touched that Tom Clucas's widow, Carol, came to the cruise.

This year's party was a rousing success, and we owe a great deal of gratitude to the generous sponsorship of the following companies:

Access Control Systems/McKeon Rolling Steel Doors & Total Door

C.A. Newell/Dupont Corian®

DeaMor Associates

Emerick Construction

J.S. Perrott Co.

Pacific Architectural Products

Re:Source Oregon

Rose City Building Materials/STO

Stewart Co.

Trym-Tex/Nevamar

Van Blokland Solid Surfaces

Weller Associates



The band — Rock Residue.



President-Elect Igo Jurgens and his lovely wife Cookie.



Phyllis Fritzie & Neal Brady dancing.

DIRECTORY DATA SOUGHT

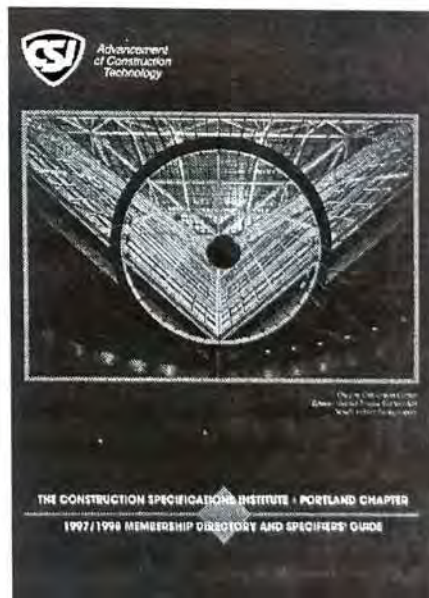
1998/1999 MEMBERSHIP DIRECTORY AND SPECIFIERS' GUIDE

Once again this year Portland Chapter CSI has agreed to work with Performance Publishing, Inc. in the creation of our award-winning Membership Directory and Specifiers' Guide.

The coming edition of the Specifiers' Guide will follow the 1995 edition of MasterFormat rather than the 1988 edition. Level 2 titles will be used; the terms "Broadscope" "Mediumscope" and "Narrowscope" in describing section titles and classifications have been dropped. ("Semi-mediumscope"?)(Quasi-broadscope"?)(I'm glad they are gone.)

Assistance in the transition to the 1995 edition may be found in the second edition of *The Directory* from Sweet's Group, January 1998. Most AIA members have received copies; Industry and Associate members of CSI can check with their favorites.

Randy Klein and Ronn Palmer, both of Performance Publishing, will be writing and calling prospective advertisers soon. Please accept their invitation to present opportunities for conveying your message to the rest of the construction community.



**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
December 2, 1997**

CALL TO ORDER: The meeting was called to order by President Rick Heiserman at 12:08 p.m. at the AIA/CSI Conference Room.

QUORUM: Yes.

PRESENT: Rick Heiserman, John Kehrli, Cornelia Gibson, Inge Carstanjen, Igo Jurgens, Bob Easton, Chris Irwin, Dennet Latham, Mike Watson.

ABSENT: Dale Kuykendall, Linda Joens.

ALSO PRESENT: John Lape, Lee Kilbourn, Cherie McNabb.

1. MINUTES: The November 4, 1997 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT:

A. John reviewed the financial reports with the Board. He remarked that the cash flow is much improved. Budget items discussed were 1st class mail expenses for the newsletter. Educational programs may not produce the income expected, whereas the 1998 Products Fair will be close to budget forecasts.

3. CORRESPONDENCE:

A. 1998 Leadership Conference information was received from the Puget Sound Chapter. The Conference will be held from April 24-26 in Redmond, WA.

4. EDUCATION/CERTIFICATION/PROGRAMS:

- A. Certification class time and location will be announced in The Predictor.
- B. It is anticipated there will be good attendance for the Seminar on AIA documents, on Dec. 11, 1997.
- C. Inge reported that the December Holiday Cruise may present the Chapter with a shortfall of approximately \$400.
- D. Presentation topic for the January 1998 Dinner Meeting is "State of the Economy".

5. OLD BUSINESS:

- A. John reported that the 1998 Region Conference, at Salishan Lodge, is on schedule.
- B. Four nominations for Institute Awards have been submitted to date. Contact Mike Watson with any further nominations.
- C. 97/98 Directory will list manufacturers according to the '95 MasterFormat Level 2 numbers and titles instead of the previously used '88 Broadscope Specifications. Lee will attend the PRSG meeting, to get input from product reps.
- D. Igo attended Mark Levine's workshop on membership retention in Las Vegas. He will give a report to the Membership Committee at their next meeting, January 12, 1998.

6. NEW BUSINESS:

- A. President-elect, Igo Jurgens, submitted his written "Second Term Option" of his candidacy to the Board. His candidacy was unanimously applauded and approved.
- B. To maintain the CCCA, CCPR and CCS certifications, continuing education will be required as of 1998. The annual Products Fair could be an excellent forum for offering some of these classes in the future. A two day Products Fair possibly on Friday and Saturday was suggested.

7. COMMITTEE REPORTS:

- A. Product Rep Share Group (PRSG) plans to meet on 12/08/97 for a presentation by Dale Kuykendall on Design/Build issues for Contractors/Subcontractors.
- B. Specifier Share Group (SSG) plans to continue discussion better coordination of Division 1, 15 & 16.
- C. Tom Clucas, CSI Member since 1972, has unexpectedly passed away this November. An article about his involvement in the chapter will appear in the January issue of The Predictor.

NEXT MEETING: January 6, 1998 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 1:17 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

President
Rick Heiserman, CDT 223-1181

President-Elect
Igo Jurgens, CSI 223-0992

Immediate Past-President
Dale Kuykendall, CCCA 777-5531

Secretary
Cornelia Gibson, CSI 624-7444

Treasurer
Inge Carstanjen, CDT 297-2162

Exec Director
Inge Carstanjen, CDT 297-2162

Director, Professional 1996-1998
Dennet Latham, CCS 224-6040

Director, Professional 1997-1999
Bob Easton, CCS 228-5617

Director, Industry 1996-1998
Linda Joens, CSI 274-0086

Director, Industry 1996-1998
John Kehrl, CSI 644-7102

Director, Industry 1997-1999
Mike Watson, CDT 239-8128

Director, Industry 1997-1999
Chris Irwin, CDT 650-0148

COMMITTEE LEADERS

Archives/Historian
Margie Largent, CSI 620-6573

Awards
Mike Watson, CDT 239-8128

By-Laws
Ken Searl, CCS 362-3472

Certification
Chris Irwin, CDT 650-0148

Editor
Dianne Kuykendall, CSI 631-3782

Education
Tim Cockburn, CCPR 666-5544

Finance
John Lape, CCS 243-2837

'98 Region Conference
John Lape, CCS 243-2837

Liaison
Igo Jurgens, CSI 223-0992

Library
Perky Kilbourn, CSI 222-5279

Membership
Lee Kilbourn, CCS 417-4400

Nominations
Rick Heiserman, CDT 223-1181

Orientation
Linda Joens, CSI 274-0086

Planning
Rick Heiserman, CDT 223-1181

Product Rep Share Group
Mike Beeson, CDT 684-3187

Products Fair
Cherie McNabb, CDT 888-944-2123

Programs
Phyllis Fritzie, CDT 203-9207

Publicity
Dianne Kuykendall, CSI 631-3782

Specifiers Share Group
Bob Easton, CCS 228-5617

Technical
Bob Easton, CCS 228-5617

**INSTITUTE
DIRECTORS**

Dick Kissick, CCPR 253-759-3801
Dex-O-Tex Division
Crossfield Products Corp.
5249 N. 10th Street
Tacoma, WA 98406

John Lape, CCS 503-243-2837
Lape Architects
5410 SW Macadam, #270
Portland, OR 97201

**REGION
COMMITTEE LEADERS**

Archives/Historian
Margie Largent, CSI 503-620-6573

Awards
Mike Amsbury, CDT 509-483-6315

Education
Richard Floyd, CDT 206-241-9071

Membership
Karen Morris, CSI 208-343-3620

Publication
Dianne Kuykendall, CSI 503-631-3782

Technical
Carl Grundberg, CDT 907-272-8833

Certification
Dennis Obert, CCS 503-603-9346

Planning
Ralph Robinson, CSI 425-868-1922

**NORTHWEST REGION
CHAPTER MEETINGS**

The contacts below are the program chairs or officers of various chapters

Cook Inlet, Anchorage, AK
(Third Tuesday)
Frank Rast 907-522-1707

Puget Sound, Seattle, WA
(Second Thursday)
Relta Gray 206-382-3393

Mt. Rainier, Tacoma, WA
(Third Wednesday)
Glenda Kelly 206-383-1704

Spokane, WA
(Second Thursday)
Sherry Harbaugh 509-456-6525

Portland, OR
(Second Tuesday)
Inge Carstanjen 503-297-2162

Capital, Salem, OR
(Fourth Thursday)
Mark Bursleson 503-390-0281

Willamette Valley, Eugene, OR
(Last Thursday)
James Wentworth 541-346-2288

Idaho, Boise, ID
(First Tuesday)
Karen Morris 208-345-3620

**'97/ '98 PORTLAND CHAPTER CSI
DINNER PROGRAMS**

Mar. 10th — "Happy Birthday CSI — A walk through the last 50 years and a look to the future"

April 14th — "Manufacturing Better Building Products in Oregon"

May 5th — "CSI Products Fair"
June 9th — "CSI Chapter Awards"



**Advancement
of Construction
Technology**

THE PREDICATOR

315 SW 4th Avenue
Portland, OR 97204-2342

Address Service Requested

ROBERT R. KLAS
EKA ARCHITECTS AND PLANNERS, P. C.
6775 SW 111TH AVENUE SUITE 20
BEAVERTON, OR 97008



RECEIVED

JAN 29 1998

**EKA ARCHITECTS
& PLANNERS**

97008-3300 23



CHANGING FACES, CHANGING TIMES: DIVERSE TEAMS AT WORK FEBRUARY 10TH

Name _____ Company _____

Telephone _____ Fax _____

Payment Method? Check • Visa • MasterCard Vegetarian Dinner? Yes • No
(please circle one)

Amount _____ (Preregistration \$25 per person — Walk-in \$30 per person)

Cardholder Name _____

Card Number _____ Expires _____

Authorized Signature _____

Please make nametags for my guest(s) _____

Fax your reservation no later than February 6th.

• FAX (503) 297-3183 •

Checks may be mailed to: 9578 SW Morrison St. • Portland, OR 97225
If you have any questions, please call (503) 297-2162.

the

PREDICATOR



JONATHAN NICHOLAS

TAKES US ON A WALK THROUGH FIVE DECADES OF
PORTLAND ARCHITECTURE

As we celebrate 50 years of CSI!

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VOLUME 37, No. 8

Portland Chapter CSI
Monthly Newsletter

Construction Specifications Institute is having its 50th Birthday. Our Golden Anniversary! Who can remember when there were no nationally recognized specification writing guidelines?

CSI has been instrumental in bringing consistency to specifications. Additionally, CSI has provided the structure for ongoing education for all members of the construction community. As we celebrate 50 years of CSI, we think of the progress in architecture and construction, nationally and locally. Portland's rich architectural history and current construction boom offers a wonderful microcosm of design, style and construction methods to study and reflect upon.

Who better to offer reflections on our city's history and growth than Jonathan Nicholas, long time Oregonian columnist and author of three books, including the acclaimed "Portland." Mr. Nicholas' witty column has been a barometer of activity in our city. Mr. Nicholas will share with us his unique perspective on the best and worst that Portland architecture has to offer.

Please join us for a night of celebration and reflection. Bring the photos of your first project. Bring the first spec you ever wrote. Tell a "remember when" story to your neighbor. Sit back and enjoy yourself.

Tuesday, March 10th

**Greet your colleagues at 5:30pm, No-host bar
Dinner 6:30pm, Presentation 7:30pm to 9:00pm**

**You are welcome to join us for the presentation only.
US Bancorp Tower, 111 SW Fifth Avenue, Floor 41
See back page for reservation information.**



Advancement
of Construction
Technology

PRESIDENT'S MESSAGE

by Rick Heiserman, CSI, CDT, AIA

Understanding Construction Documents Classes sponsored by the Chapter started February 12th and will meet weekly for eight weeks leading up to the Certification exams April 4th. The classes give individuals a basic understanding of what contract documents are and how they work. They are intended to prepare individuals for the exams. In the past there have been many people who audit the classes. Instructors for these classes are members of the Chapter and have donated their time.

In gratitude for their effort, we recognize: Bob Easton, CCS; Bob Hesseltine, CCS; John Lape, CCS; Denet Latham, CCS; Jody

Moore, CCPR; Dennis Obert, CCS and Ray Totten, CCS.

At the February Chapter meeting we heard Wayne Baseden discuss Changing Faces, Changing Times! Diverse Teams at Work. I had the opportunity to hear Wayne talk a couple of years ago on a similar subject. What impressed me then was the fact that a majority of the world population doesn't think the way we do in Portland, Oregon. I can remember many of his illustrations and statistics so well. It is fairly easy for us to become accustomed to doing business and living our lives the way "we always have." Without experiencing other lifestyles we tend to think everyone else is the same. Wayne did a good job of challenging that notion and forcing us to get "outside the box," and that there



may be other ways of thinking about or dealing with issues. His illustrations were not preached; rather he involved the audience to emphasize his points. This audience participation was a great method in helping to instill his message. ■

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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to kms@pacifier.com. 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.

Place your Insert in The Predicator!

Member Price: \$ 450

For more information contact the Editor. (Non-Members contact the Membership Committee.)

Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

THE PREDICATOR STAFF

Publication Committee

Inge Carstanjen
Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

Editor

Dianne Kuykendall,
Kuykendall Marketing Services

Printer

Echo Greyhound Printing

Bs BY Ks

BASIC SPECS

by Ken Searl, FCSI, CCS

In CSI's Specifier Magazine for February 1997 there is a letter to the Editor entitled "Warranty versus Guarantee" written by S. B. Verrastro AIA, CCS. This article is to the point and should clarify this subject to people who have been wondering for a long time what is the difference between a warranty and a guarantee. I will list some of the salient features of this letter. Both warranty and guarantee are considered legal which raises a quandary in our industry. Although some dictionaries do not differentiate between these two words, there is a difference. A guarantee is a promise by a party called a guarantor, to make good the mistake, debt, or default of another party. With a guarantee, the manufacturer guarantees the work of the installer of its own product, whereas a warranty is a promise directly between the owner and a manufacturer for the product only, not the installation. This is why it is so important that manufacturers certify installers. A good example is authorized/certified roofers. A bad installation of an excellent roofing system can be a disaster. Roofing manufacturers cannot allow, authorize, certify or approve inept roofers to install their product. That is why manufacturers need a certification program including instructions to acceptable roofers who have demonstrated their knowledge and skill in roofing applications. I recommend Architect's specifications include these requirements in their roofing specification section.

In pursuit of better specifications I am always looking for ways to improve specification content. In the CSI Manual of Practice the recommended form for Advertisement for Bids is shown in the following order:

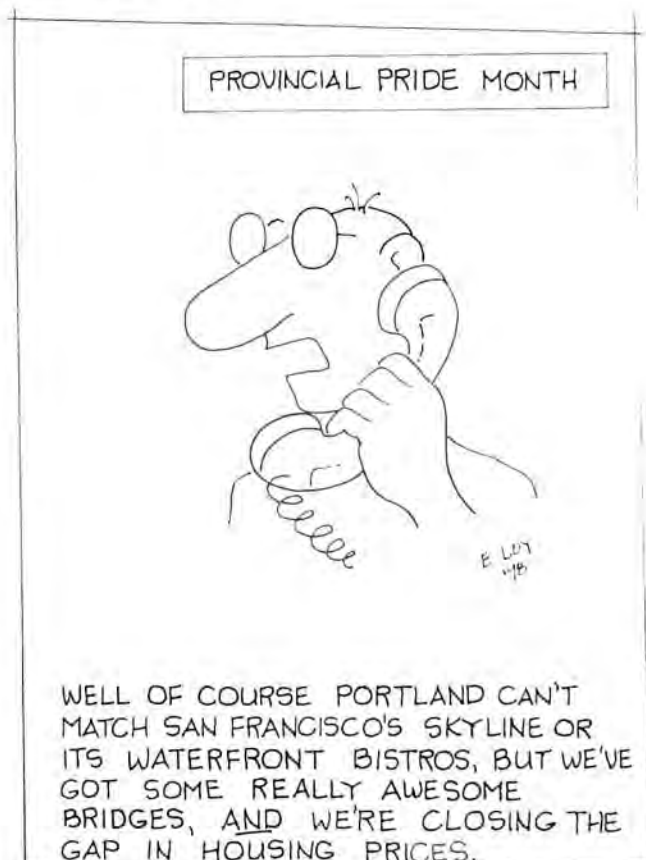
1. Project Identification
2. Description of Work
3. Type of Bid
4. Time of Completion
5. Bid Opening
6. Examination of Documents
7. Bid Security
8. Bidders Qualifications
9. Owners Right to Reject Bids
10. Laws and Restrictions

It is noted that a number of small paragraphs may be reduced by grouping some of the above items together so that the advertisement requires less space.

Item #1 may list an owner's project number for identification if needed or required. Item #8 may not be necessary on some bids. Another item not listed is that many projects require publication dates and publisher. Some require authorization by the owner with name and title. The sample in the Project Manual also lists date issued (it seems to me putting in this date could be a bit confusing) but it is not necessary if publication dates are shown. If you are taking the CCS examination, one must have it in the order shown above. If you would like a sample of a suggested Advertisement for Bids, let me know and I will mail or fax you a copy of my master. My phone number is 503-362-3472. Please keep in mind there may be certain owners such as public works, colleges, etc. that have their own individual Advertisement for Bids requirements. ■

THE REAL WORLD

by Ed Loy, CSI, CDT



March 1998

EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Mar. 10** CSI Dinner Meeting "Jonathan Nicholas — Five Decades of Portland Architecture"
(3 LU's) 297-2162
- Mar. 12 SSG Lunch Meeting (2 LU's/HSW)
- Mar. 26 PRSG/SSG Lunch Meeting (2 LU's/HSW)
- Apr. 4 Certification Exams 297-2162
- Apr. 9 SSG Lunch Meeting (2 LU's/HSW)
- Apr. 13 PRSG Lunch Meeting
- Apr. 14** CSI Dinner Meeting "Manufacturing Better Building Products in Oregon"
(3 LU's) 297-2162
- Apr. 23 SSG Lunch Meeting (2 LU's/HSW)
- Apr. 24-26 Leadership Conference, Renton, WA (206) 382-3393
- May 4 Products Fair Balloon Blitz (Please call Cherie McNabb (360) 573-7834 to volunteer)
- May 5** AIA/CSI/IIDA Products Fair (2 LU's/HSW/Hr.) (360) 573-7834
Speaker: Arthur Erickson
- May 14 SSG Lunch Meeting (2 LU's/HSW)
- May 28 SSG Lunch Meeting (2 LU's/HSW)

Future CSI Events

- Leadership Conference, Puget Sound Chapter, April 24-26, 1998 (206) 382-3393
- National Convention, Baltimore, Maryland, June 24-28, 1998
- Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Seminars Under Consideration

- TBA Special Inspection

Other Events:

- AIA Spring Lecture Series, (starts March 12) 223-8757
- EIFS Inspectors Training/Certification Session, March 19th 1-800-524-4215

ABBREVIATIONS & CONTACTS

- LU's AIA Learning Units available
- HSW Health, Safety & Welfare credits
- PRSG Product Rep Share Group — Mike Beeson 684-3187, (meets 12-1pm, C.A. Newell, 3002 N. Wygant)
- SSG Specifiers Share Group — Bob Easton 245-7100, (meets 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

**CSI JOINT MEETING
PRODUCT REP AND SPECIFIER SHARE GROUPS**

***Are The Products You Represent "Green" Products?
What Constitutes A "Green Product?"***

As we rapidly approach the next millennium, there is a greater emphasis on the well being of our planet. The conservation of natural resources and environmental responsibility have become a topic of much concern. What is the environmental position of the companies and products you represent? How important are "Green" issues to the architectural, design and construction industries?

Because this topic is of concern to both the specifiers and product representatives, we will be having a joint meeting to learn more about this subject and address issues and concerns from both sides of the table. Our speaker will be Bob Easton who will be sharing his knowledge and experience on this subject.

Join us on Thursday, March 26th at 12:00 pm in the offices of Zimmer Gunsul Frasca Partnership, 320 S.W. Oak Street, Suite 500, Portland.

Space is limited, R.S.V.P. necessary. Please call Mike Beeson at 684-3187 or Elaine Resner at 286-8686.

1998 LEADERSHIP CONFERENCE

- | | |
|--------------------------------------|--|
| WHO <i>should attend?</i> | All incoming and outgoing board members and committee chairs. |
| WHAT <i>is the purpose?</i> | To provide training for Chapter officers and committee chairs. |
| WHERE <i>will it be?</i> | Holiday Inn Select
Renton, Washington |
| WHEN <i>does this happen?</i> | April 24 - 26, 1998 |
| WHY <i>attend?</i> | Improve your leadership skills.
Learn from other Chapters.
For personal career growth.
IT'S FUN! |

See insert for registration information.

We hope to see you there!

Hosted by: Puget Sound Chapter
The Construction Specifications Institute

INDUSTRY NEWS

Liability Guide for Engineers

A State-by-State Summary of Liability Laws Affecting the Practice of Engineering is available from the National Society of Professional Engineers (NSPE).

The summary offers engineers information on state liability law protection, explaining the four key laws that limit liability—sole source workers' compensation, joint and several liability, certificate of merit, and statutes of repose. Each state's liability reform successes are compared in a detailed matrix, which also offers language for states making liability law changes. All provisions include statutory citations.

The summary is \$19 for NSPE members and \$39 for nonmembers, plus shipping and handling. To order call (800) 417-0348 and ask for NSPE publication 1918.

—Engineering Times, December 1997

ENVIRONMENTAL NEWS

"Green" Wood Products

International trends could effect U.S. consumers' willingness to pay more for "green" wood products, according to Eric Hansen, an Oregon State University professor.

Hansen recently reported that certified wood products comprise about one-half of 1 percent of the total market; however, he noted that certified wood sales in Europe appear to be becoming a major marketing force that could influence North American markets.

Another study by Louisiana State University and Lincoln University, in New Zealand, reported that approximately one-third of U.S. consumers said they would pay more for certified wood while 37 percent said they would not pay more for such products. About 30 percent said they would pay 10 percent more for a \$1 stud, \$100 chair, and \$5,000 kitchen remodel. Approximately 18 percent said they would pay an additional 2 percent for a home constructed of certified wood.

—Plumblin, January 2, 1998

ENVIRONMENTAL NEWS

Straw Houses?

According to an article in U.S. News and World Report, straw houses are making a comeback in the United States thanks to environmentalists.

The houses were popular in the late 1600s in Europe and in the 1800s in Nebraska. Today, there are more than 1,000 straw houses in the United States.

Provided they are tightly baled, straw houses are not easily blown down or burned, environmentalists say. Straw is inexpensive, energy efficient, and almost noise proof. One family recently built a 185 m² (2,000 ft²) house in Lancaster, South Carolina, for approximately \$7,000. The owner estimates the house would have cost 10 times as much to build using conventional building materials.

David Eisenberg, coauthor of *The Straw Bale House*, says the number of straw-bale houses will double within two years. Additional growth will depend on insurers, zoning officials, and consumers accepting that straw houses are safe and practical.

—U.S. News & World Report, January 12, 1998



**NORTHWEST REGION CSI
1998 LEADERSHIP CONFERENCE
APRIL 24-26, 1998**

WHERE?

Holiday Inn Select, One South Grady Way, Renton, Washington

WHAT?

Friday Night Hospitality Suite

Saturday Continental Breakfast

Lunch

Dinner

Entertainment

Sunday Continental Breakfast

Program: Group Dynamics, Integrity, Leading Your Chapter, Vision, and Personal Dynamics
Ted Sive, Director of Marketing, Lease Crutcher Lewis General Contractors
Bill Strong, Director of Marketing, Mahlum Architects

Committee Forums

Cabaret Productions: *WAITER, THERE'S A SLUG IN MY LATTE!*

Round Tables: Technical, Membership, Awards, Education, Certification, Product Show

Coordinating Council

Region Forum

WHO SHOULD COME?

Any CSI member who

- ♥ Would like to learn more about the workings and benefits of CSI
- ♥ Wants to develop or improve a leadership position in business or CSI
- ♥ Will be a chapter or region officer or committee chairperson in FY 98/99
- ♥ Is interested in obtaining 7 LUs towards fulfillment of AIA continuing education requirements

\$\$\$\$?

As always, the CSI Leadership Conference and meals are free to members and guests.

ACCOMMODATIONS?

Holiday Inn Select, \$99/night single or double occupancy

For reservations, call 425-226-7700 and identify yourself as an attendee of the CSI Leadership Conference.

REGISTRATION?

Please complete and mail or fax the registration form on the reverse side of this page to John Corbett.

STAMP

ATTN: JOHN C. CORBETT, CCPR, CDT
W.G. WRIGHT & ASSOC
P.O. BOX 24148
FEDERAL WAY WA 98093-1148

REGISTRATION FORM NORTHWEST REGION CSI 1998 LEADERSHIP CONFERENCE APRIL 24-26, 1998

NAME	(NICKNAME)	GUEST	(NICKNAME)
COMPANY		PHONE (DAYTIME)	FAX
MAILING ADDRESS			
CHAPTER	OFFICE/COMMITTEES FY 98/99		

I/WE PLAN TO ATTEND THE FOLLOWING EVENTS:	MEMBER	GUEST
FRIDAY EVENING HOSPITALITY SUITE	___	___
SATURDAY MORNING CONTINENTAL BREAKFAST	___	___
SATURDAY AFTERNOON LUNCH	___	___
SATURDAY EVENING DINNER / ENTERTAINMENT	___	___
SUNDAY MORNING CONTINENTAL BREAKFAST	___	___

PLEASE MAIL REGISTRATION FORM AS SOON AS POSSIBLE, OR FAX ATTN: JOHN CORBETT AT 253-835-9296

Nominations Now Open For Portland Chapter Board Positions

If you are interested in being a part of the CSI Portland Chapter Board of Directors, now is your chance!

Nominations are now being accepted and will be announced at the March Chapter Dinner Meeting.

To be considered, please contact a nominating committee member:

Rick Heiserman	223-1181
Igo Jurgens	223-0992
Dale Kuykendall	624-2090
Inge Carstanjen	297-2162

CLAIMS MANAGEMENT AND DISPUTE RESOLUTION SEMINAR

International Facility Management Association (IFMA) is presenting a seminar on claims management and dispute resolution.

This four hour seminar will be presented on April 7th by Jeff Busch, PMP, of Pinnell/Busch, Inc.

For more information, please contact Nash Hasan, CSI at (503) 690-5570.

DIRECTORY UPDATE!

1998/1999 MEMBERSHIP DIRECTORY AND SPECIFIERS' GUIDE

We continue to update our data for the next issue of the Portland Chapter Membership Directory and Specifiers' Guide. If changes are sent in immediately to the chapter office, the update request coming next month will be a check on the listing, not a change.

The coming edition of the Specifiers' Guide will follow the 1995 edition of MasterFormat rather than the 1988 edition. Level 2 titles will generally be used; Level 3 titles will be available only in selected locations.

Performance Publishing Inc. is now **Market Performance Group, Inc.** This change reflects their expansion of marketing and sales services, and is intended to reinforce their commitment to the highest standards of professional integrity. Their telephone number remains (503) 287-8970.

Please consider advertising in the 1998/1999 Portland Chapter Membership Directory and Specifiers' Guide. Ronn Palmer, representing Market Performance Group, Inc., will be writing and calling prospective advertisers soon.

Please accept their invitation to convey your message to the rest of the construction community.



THE STATE OF THE ECONOMY IN OUR REGION — JANUARY DINNER MEETING by Joan Schaan, SFPE

We were all wondering if there would be a January meeting due to the preceding two-day ice storm. But by noon on the 13th, the sun was shining and the ice was melting. The turnout for the meeting was good, and as always, dinner and the conversation were first rate.

Mr. Ralph R. Shaw's speech, "The Next Five Years," was informative and insightful. He covered recent trends and predictions in technology, high-speed communication, and regional growth. He elaborated on how today's technology in communication will impact where we live, who we do business with, how we teach our children, and how we receive medical care. Mr. Shaw related how these trends apply to the northwest region.

Mr. Shaw suggests that we should "...keep a close eye on the trends within the microprocessor, computer, and communication markets for the keys to what will happen to our regional economy in the years ahead."

For example, Oregon's construction industry has been stimulated by Intel's unprecedented growth. Intel paid over \$100 million in income taxes in Oregon last year. We, in the construction industry, should all hope for its continued growth and leadership in microprocessing. Not only has Intel supplied Oregon with 15% of its income, but it has also supplied numerous high-paying jobs.

Construction employment rose 8.2% in 1997 and is expected to increase in 1998 by 2.5%. The construction industry has played an important role in Oregon's rapid growth over the past four years. However, we must look at the impact over-building will have on Oregon's economy and expect to see construction activity decline through the remainder of the century.

Ralph Shaw shared many interesting statistics and projections with CSI members. For example:

1) construction jobs rose 8.2% in 1997, are expected

to increase 2.5% in 1998, and to decline 2.3% in 1999,
2) industrial vacancy rates will probably climb from 5% to as high as 9%;

3) a new sophisticated neighborhood analysis predicts Portland Public School enrollment to decline by 1,500 instead of increase by 17,000 student as forecast earlier.

4) Portland is the sixth least affordable city in the United States, based upon average per capita income; and

5) in 1997 housing prices rose 7.3%, 1998 is expected to show a 6.5% increase.

Furthermore, those dependent upon population growth will want to pay close attention to State forecasts:

1) a minuscule decline in those aged 5-9 from 1997 to 2001;

2) a similar decline is seen in ages 25-44 from 1997 to 2000 (the prime wage earning years);

3) the largest rate of gain will be seen in the 50-54 year olds (up to 7.1% a year from 1995-2000);

4) the 65-69 age group actually declines 0.9% per year from 1995-2000, before growing 2.5% per year the next five years; and

5) for those 70-74 years of age we should see an annual decline of 0.7% from 1995-2000, then from 2000-2005 the rate jumps to 1.1% decline.

Overall, Oregon's population will grow at a 1.7% yearly pace between 1995-2000, declining to a 1.3% rate in the 2000-2005 period.

Mr. Shaw reminded us to keep an eye on the situation in Asia. Excluding Japan, East Asian countries accounted for 1/2 of global output growth since 1991. Corporate profits everywhere will take a hit. How quickly Asia can recover from its difficulties will be crucial for 1998.

But, as the United States recovered from struggle in the 1980s, Mr. Shaw is confident that Asia will get through its trials.

Mr. Shaw's opinions and research were thought provoking and should be taken into account when considering future growth trends in the northwest construction industry. ■



(l-r) Dave Ross, Mark LaFarge, Tim Cockburn, Jon Grastle



Jim and Laura Hirte



THE AMERICAN
INSTITUTE OF
ARCHITECTS



Advancement of
Construction
Technology



INTERNATIONAL
INTERIOR DESIGN
ASSOCIATION



1998 PRODUCTS FAIR



Tuesday, May 5, 1998 ~ 2:00 pm until 8:00 pm ~ Portland, Oregon

Oregon Convention Center - Exhibit Hall A, 777 M.L.K. Jr. Blvd.

Exhibitors need to Register for a booth Now!

If interested please fill this out and fax to Cherie McNabb @ 360-571-8834 or call at 360-573-7834

You will receive an information packet that will give you more detailed information on the fair!

Your Name: _____ Your Company: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

- Booths will be ten feet by ten feet draped, with one eight foot draped table, one chair, identification sign and one parking pass.
- Booth prices are \$500.00 for all standard booths, \$600.00 for all premium booths and \$55.00 per booth for electricity
- There will be a Comedian at 12:00 noon the day of the show, prior to the start of the show open to all exhibitors. Lunch will be available for \$12.00. Please plan on attending. We all enjoyed it last year and we are sure you all will enjoy it again this year.

I plan on attending the Exhibitor Luncheon prior to the start of the fair at \$12.00 per person, comedy entertainment.

would like to have a booth and need more information sent _____ faxed _____ to me!

We hope to see you at **1998 PRODUCTS FAIR!**



March 1998

**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
January 6, 1998**

CALL TO ORDER: The meeting was called to order by President Rick Heiserman at 12:00 p.m. at the AIA/CSI Conference Room.

QUORUM: Yes.

PRESENT: Rick Heiserman, John Kehrl, Cornelia Gibson, Inge Carstanjen, Igo Jurgens, Bob Easton, Chris Irwin, Dennet Latham, Mike Watson, Dale Kuykendall.

ABSENT: Linda Joens.

ALSO PRESENT: John Lape, Lee Kilbourn, Dianne Kuykendall.

1. MINUTES: The December 2, 1997 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT:

A. John discussed this month's financial reports with the Board and presented a plotted chart comparing Chapter income versus expenses over the past three years. This visual aid demonstrated typical annual financial trends. Each year appears to begin with a negative cash balance, reaching a cross over point in January/February, and ending with a positive balance by the end in June.

Last year's financial picture was impacted by the Products Fair discounts granted to members, Leadership Conference expenses, and fee adjustments for the publisher of The Predicator. This year's financial picture will be affected by the reservation down payment for Salishan Lodge in April; an expenditure which should be offset in the 1999 financials when conference participants pay their portion of fees.

3. CORRESPONDENCE:

A. Individuals willing to share their engineering experience with interested high school students can sponsor one or several such students for a dinner and career discussion during national Engineers Week, February 15th - 21st.

4. EDUCATION/CERTIFICATION/PROGRAMS
A. Committee met with instructors to plan certification classes. 6 persons are signed up for CDT and 3 for CCA preparatory classes and exams. Classes will start on Thursday, February 12, 1998 and participants will be notified.

B. New member orientation will be held prior to the January 13, 1998 Chapter meeting from 5-6 p.m. in the Jefferson Room at Atwaters.

C. January Dinner meeting topic will be "State of the Economy."

D. February's Dinner meeting will feature speaker Wayne Baseden. Topic: "Changing Faces, Changing Times, Diverse Teams at Work."

5. OLD BUSINESS:

A. 1998 Region Conference: Committee plans to have informational flier and registration forms available by April for distribution at the Leadership Conference.

B. Nominations for Institute Awards: Chapter Directory and The Predicator are being submitted.

6. NEW BUSINESS:

A. Nominating Committee: Nominations for the 98/99 elections are due in March.

B. In an effort to give CSI supporters the opportunity to include any Chapter sponsorships in their budget considerations, Board discussed and voted on a Sponsorship/Investment plan. The plan offers four levels of sponsorships. They are Platinum, Gold, Silver, and Bronze. Motion was made and seconded to proceed with the Sponsorship/Investment campaign. Motion carried with six yes versus four no votes.

7. COMMITTEE REPORTS:

A. Product Rep Share Group (PRSG) plans to meet on 01/12/98 for a presentation by Les Seeley. Topic: "Selling to the Design Professional."

NEXT MEETING: February 3, 1998 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 1:15 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

President	Rick Heiserman, CDT	223-1181
President-Elect	Igo Jurgens, CSI	223-0992
Immediate Past-President	Dale Kuykendall, CCA	624-2090
Secretary	Cornelia Gibson, CSI	624-7444
Treasurer	Inge Carstanjen, CDT	297-2162
Exec Director	Inge Carstanjen, CDT	297-2162
Director, Professional 1996-1998	Dennet Latham, CCS	224-6040
Director, Professional 1997-1999	Bob Easton, CCS	245-7100
Director, Industry 1996-1998	Linda Joens, CSI	274-0086
Director, Industry 1996-1998	John Kehrli, CSI	644-7102
Director, Industry 1997-1999	Mike Watson, CDT	239-8128
Director, Industry 1997-1999	Chris Irwin, CDT	650-0148

COMMITTEE LEADERS

Archives/Historian	Margie Largent, CSI	620-6573
---------------------------	---------------------	----------

Awards	Mike Watson, CDT	239-8128
By-Laws	Ken Seath, CCS	462-3472
Certification	Chris Irwin, CDT	650-0148
Editor	Dianne Kuykendall, CSI	631-3782
Education	Tim Cockburn, CCPR	666-5544
Finance	John Lape, CCS	243-2837
'98 Region Conference	John Lape, CCS	243-2837
Liaison	Igo Jurgens, CSI	223-0992
Library	Perky Kilbourn, CSI	222-5270
Membership	Lee Kilbourn, CCS	417-4400
Nominations	Rick Heiserman, CDT	223-1181
Orientation	Linda Joens, CSI	274-0086
Planning	Rick Heiserman, CDT	223-1181
Product Rep Share Group	Mike Beeson, CDT	684-3187
Products Fair	Cherie McNabb, CDT	360-573-7834
Programs	Phyllis Fritzie, CDT	203-9207

Publicity	Dianne Kuykendall, CSI	631-3782
Specifiers Share Group	Bob Easton, CCS	228-3617
Technical	Bob Easton, CCS	228-3617

Certification	Dennis Ober, CCS	309-600-2336
Planning	Ralph Robinson, CSI	117-868-1937

**INSTITUTE
DIRECTORS**

Dick Kussick, CCPR	253-759-3801
Dex-O-Tex Division Crossfield Products Corp 5249 N. 10th Street Tacoma, WA 98406	
John Lape, CCS	503-243-2837
Lape Architects 5410 SW Macadam, #270 Portland, OR 97201	

**REGION
COMMITTEE LEADERS**

Archives/Historian	Margie Largent, CSI	503-620-6573
Awards	Mike Amsbury, CDT	509-483-6315
Education	Richard Floyd, CDT	206-241-9071
Membership	Karen Morris, CSI	208-343-3620
Publication	Dianne Kuykendall, CSI	503-631-3782
Technical	Carl Grundberg, CDT	907-272-8833

**NORTHWEST REGION
CHAPTER MEETINGS**

The contacts below are the program chairs or officers of various chapters.

Cook Inlet, Anchorage, AK (Third Tuesday)	Frank Rast	907-522-1707
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray	206-382-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Glenda Kelly	206-383-1704
Spokane, WA (Second Thursday)	Sherry Harbaugh	509-456-6525
Portland, OR (Second Tuesday)	Inge Carstanjen	503-297-2162
Capital, Salem, OR (Fourth Thursday)	Mark Burleson	503-390-0281
Willamette Valley, Eugene, OR (Last Thursday)	James Wentworth	541-346-2288
Idaho, Boise, ID (First Tuesday)	Karen Morris	208-345-3620

**'97/ '98 PORTLAND CHAPTER CSI
DINNER PROGRAMS**

- April 14th** — "Manufacturing Better Building Products in Oregon"
- May 5th** — "CSI Products Fair"
- June 9th** — "CSI Chapter Awards"

CERTIFIED EIFS INSPECTORS

The Northwest Wall and Ceiling Bureau is providing another Training/Certification Session on March 19th, at the Bellevue Hyatt Regency Hotel. Cost of \$295.00 per attendee, includes instruction, all course materials, EIFS Design Handbook, and exam for those who qualify. They will also provide refreshments and lunch.

Call 1-800-524-4215, for more information and registration forms.

(If you would participate if training were held in the Portland Metro area, please let the Bureau know.)



*Advancement
of Construction
Technology*

THE PREDICATOR

315 SW 4th Avenue
Portland, OR 97204-2342



Address Service Requested

ROBERT R. KLAS
EKA ARCHITECTS AND PLANNERS, P. C
6775 SW 111TH AVENUE SUITE 20
BEAVERTON, OR 97008

JONATHAN NICHOLAS

TAKES US ON A WALK THROUGH FIVE DECADES OF PORTLAND ARCHITECTURE

Name _____ Company _____

Telephone _____ Fax _____

Payment Method? Check • Visa • MasterCard Vegetarian Dinner? Yes • No
(please circle one)

Amount _____ (Preregistration \$25 per person — Walk-in \$30 per person)

Cardholder Name _____

Card Number _____ Expires _____

Authorized Signature _____

Please make nametags for my guest(s) _____

Fax your reservation no later than March 6th.

• FAX (503) 297-3183 •

Checks may be mailed to: 9578 SW Morrison St. • Portland, OR 97225

If you have any questions, please call (503) 297-2162.

the PREDICATOR



PRIVATELY FUNDED LIGHT RAIL TO AIRPORT?

We have probably all had to deal with the seemingly endless construction project that is the Portland Airport. Now, as the new parking structure nears completion, there is news of an innovative proposal that could make driving to the airport - and the attended necessity of finding and paying for parking - obsolete by 2001. You've probably read about it ... now come hear about it from Mr. Ralph Stanley, Vice President of Infrastructure and Development for Bechtel Enterprises, Inc., a part of the Bechtel Group.

In a highly innovative public works financing initiative, Bechtel Enterprises is proposing to build a MAX light rail extension to the airport in exchange for long term leases on 120 acres in the Portland International Center at the airport.

Mr. Stanley is a seasoned innovator with transportation financing and construction having founded the Toll Road Corporation of Virginia, which in 1995 completed the first privately funded toll road in the U.S. in more than 100 years. He also served in the Reagan Administration as head of the Federal Transit Administration, overseeing a \$4 billion budget.

More than 40,000 people travel to the airport every day. Annual enplanements are forecast to rise 30% to 16 million by 2000. A light rail line sounds like a welcome option. Come and find out first hand about this exciting bellwether project, as Portland's legacy of planning and transit innovation continues into the future.

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VOLUME 37, No. 9

Tuesday, April 14th

NEW MEMBER ORIENTATION 5:15pm

**Greet your colleagues at 5:30pm, No-host bar
Dinner 6:30pm, Presentation 7:30pm to 9:00pm**

**You are welcome to join us for the presentation only.
US Bancorp Tower, 111 SW Fifth Avenue, Floor 41
See back page for reservation information.**

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

PRESIDENT'S MESSAGE by Rick Heiserman, CSI, CDT, AIA

For the last few years, I have noticed in the Portland Chapter that the same group of people do many of the tasks of running the Chapter. It is my belief that if the Portland Chapter is to continue to thrive and prosper, new individuals must step forward to take their place. An excellent way to become involved is to attend the CSI Northwest Region Leadership Conference, which is scheduled for April 24-26, 1998. This year it is being hosted by the Puget Sound Chapter. It will be held at the Holiday Inn Select in Renton, Washington. Registration and meal costs are covered by the Region and hotel costs are covered by the Chapter. John Lape will be driving his bus, so transportation is available. If you have any questions, please contact myself or anyone on the Board.

The Portland Chapter Products Fair

is scheduled for Tuesday, May 5, 1998. The Fair will run from 2:00pm to 8:00pm at the Oregon Convention Center. As of this writing we have sold about two thirds of the booths and anticipate another sellout. This year, in addition to IIDA, we have combined with the Portland Chapter AIA as major sponsors. As part of the AIA spring lecture series, Arthur Erickson will speak at 7:30pm. The Fair is an important event for The Chapter. Attendance from the design community in larger numbers is a mark of success for the Fair and a reason for vendors to obtain booths at future Fairs. There has been a lot of planning for this Fair and I would encourage you to attend to obtain information on building products and systems and have the opportunity to hear Mr. Erickson. I think you will find it rewarding.

The '98/'99 edition of the award winning Chapter Directory will be going to press in the near future.



The numbering classification for the "Yellow Pages" this year will be based upon CSI, 95 MasterFormat, Level II and III. If you have changed your company's address etc. and are not sure if this information has been updated, contact Lee Kilbourn, at 417-4400. I use my Directory more and more as a resource for products and individuals. Accurate information is vital for the many people who refer to it. ■

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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to kms@pacifier.com. 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.

Place your Insert in The Predator!

Member Price: \$ 450

For more information contact the Editor. (Non-Members contact the Membership Committee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

THE PREDICATOR STAFF

Publication Committee

Inge Carstanjen
Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

Editor

Dianne Kuykendall,
Kuykendall Marketing Services

Printer

Echo Greyhound Printing

March 20, 1998

Portland Chapter
The Construction Specifications Institute
9578 SW Morrison Street
Portland OR 97225
FAX: 503/297-3183

Class

Professional

Name

Robert R. (Bob) Klas, CSI, AIA

Firm Name

EKA Architects and Planners,
P. C.

Firm Address

6775 SW 111th Avenue Suite
20
Beaverton, OR 97008

Phone Number(s)

503/644-4222

Fax Number

503/644-6567

Cell Phone Number

Pager Number

Voice Mail Number

email Address

eka@teleport.com

Web Site Address

Personal Information

(if published)

13283 SW Scotts Bridge Drive
Tigard, OR 97223
503/590-7160

Classification(s)

Architectural Firm

It is time to revise and update Portland Chapter's Membership Directory and Specifier's Guide. We need your help to correct information that may need to be revised. The next edition will again be published by Market Performance Group, Inc. They will be contacting most Industry and Associate Members about their enhanced listings in the Specifier's Guide. If you are a Professional Member and want to inquire about enhanced listings, please call Market Performance Group at 503/287-8970.

Step 1. In the area beside this paragraph is the alphabetical listing of your membership classification, name, certifications and titles, if any, firm name, firm address (street and mailing), firm city, state and zip code, daytime telephone numbers (including toll-free numbers), fax number, voice mail numbers, pager numbers, mobile (cell) phone numbers, e-mail address, and World Wide Web site (as many of these as are available).

Then, if Institute mailings are delivered to another address, that address is shown, with the note "Institute mailings to home address." If permission has been given, spouse and a home telephone number (or both) are shown.

Step 2. Review the Classifications which have been used in the past, shown in the area below the alphabetical listing. They were based on the 1988 Edition of MasterFormat. Please revise them in accordance with the 1995 Edition of MasterFormat, which we are using the first time this year. The numbers and titles we use were shown in italics on Pages 50 through 103 of the 1997/1998 Specifier's Guide. You may have as many classifications as you wish. If the space is blank, then we have no classifications for you.

Step 3. We will again this year include a list of Trade Names represented by our members and friends in the Portland, Oregon market. Please review the listings on Pages 119 through 126 of the 1997/1998 Directory and Guide, and follow that format. Please use a separate page.

Remember, CSI Members get called first, so if you are one, please indicate the appropriate initials after your name. The listings show only:

TRADE NAME	CONTACT PERSON	TELEPHONE NO.
------------	----------------	---------------

If anything is incomplete or incorrect, please mark it legibly with black ink and return this entire form to us. Send us lists of trade names on a separate sheet; typewritten is best - last year we misspelled some of the information.

If there are no additions or corrections to the Directory and Guide, you may recycle this page. Thank you for your time and trouble.

Please mail or fax your corrections on or before Monday, April 14, 1998.

Should you have questions about this Request for Information, please call me at 503/417-4400. If I'm not available, please leave your name, phone number and question on my voice mail. You can also use the ZGF fax at 503/224-2482. My email is always available at lkilbourn@zgf.com.

Thank you for your help in making our Membership Directory and Specifier's Guide error-free.

Lee Kilbourn CCS
Membership and Directory Committees

OFFICIAL BALLOT
1998-99 Portland Chapter
Board of Directors

President (Vote for one)

- Rick Heiserman, CSI, CDT, AIA*
W.E. Group PC/Architects and Planners, Architect
"I am looking forward to continuing implementation of the goals developed at the planning session in the summer of 1997. Better communication and understanding from members of the construction industry will produce better buildings."

President-Elect (Vote for one)

- Igo Jurgens, CSI, AIA*
Giffin Bolte Jurgens PC, Architect
"As President-Elect and candidate for this office for next year, I need to be on the Board to carry out my responsibilities and train for the office of President."

Secretary (Vote for one)

- Cornelia Gibson, CSI*
Access Control Systems, Inc., Product Representative
"Serving as Secretary the last few years has taught me a new and better appreciation of the value and necessity of CSI. I hope to serve another year as Secretary for our Chapter."

Treasurer (Vote for one)

- Inge Annelise Carstanjen, CSI, CDT*
Weller Associates Inc., Division 7 Representative, Office Manager/Sales Representative
"I have a great deal of satisfaction supporting the efforts of our Chapter in promoting the goals of CSI. And the people are great!"

Industry Director (Vote for two)

- Rachel Browning, CSI*
Hanset Stainless Inc., Sales Manager
"Being a member of the Board interests me in a number of ways, but primarily for the opportunity it provides to learn more about our industry."
- Barry Cassell, CSI*
Cassell Consulting, Estimating & Project Management Consultant
"CSI Membership has provided me with excellent resources, programs, and networking opportunities with industry leaders. I look forward to assisting in the planning of future events and the continuing growth of the Portland Chapter."
- Ellen Onstad, CSI, CDT*
FW Dodge/McGraw-Hill, Construction News Reporter, Oregon & Idaho
"I am looking forward to the construction industry moving into the next century. I think CSI is the connecting link between owners, architects, spec writers, contractors and manufacturers reps. I look forward to serving on the Portland Board of Directors and facilitating teamwork in the construction industry."
- Randy Tessman, CSI*
Rodda Paint Company, Architectural/Owner Representative
"I would like to represent you on the Board, and encourage new membership. And, at the same time continue to make our Chapter an enjoyable and educational experience."

Professional Director (Vote for one)

- Solvei Neiger, CSI, AIA*
SRG Partnership, P.C., Architect
"I am looking forward to the opportunity to serve on the CSI Board. Becoming a Board member will enhance my professional knowledge and allow me to make a contribution to CSI."

Ballots must be returned to CSI Office or dinner meeting no later than 7:00 pm
Tuesday, April 14, 1998. Late ballots will not be counted.

BALLOT

(You may fold the "directory data sheet" inside this ballot for return to the CSI office.
Precautions will be taken to keep your ballot secret.)

PORTLAND CHAPTER CSI

9578 SW Morrison Street
Portland, OR 97225

Address Service Requested

First Class Postage Required

**Portland Chapter CSI
9578 SW Morrison Street
Portland, OR 97225**

Fold and Tape

BS BY KS

BASIC SPECS

by Ken Searl, FCSI, CCS

In the Willamette Valley CSI Chapter Newsletter of February 1998 on page 15, there is an article under Industry News wherein "Green" wood products are discussed. The article states that about 30 percent of those polled regarding certified lumber persons said they would pay 10 percent more for a \$1 stud. This seems mighty strange when studs are selling locally for over \$2. This article is dated January 2, 1998. Sort of sounds like last week when I was watching an old Perry Mason show and Della Street said... "One dollar for a cup of coffee? What could they possibly put in a cup of coffee to make it worth a dollar?"

In 1993, I published the following Safety Tip information in a BS Column and since then I have received several requests to republish, plus I added another item that is discussed much these days:

ST BY KS — SAFETY TIP

In my many miles of traveling it became apparent to me that cars in the left lane on 2 lane freeways and left and right on 3 lane freeways (if you are in middle lane) had a habit of getting in my side mirror blind spot and staying much too long in that position. I discovered that if one sets the interior mirror at the correct position and then positions left and right exterior mirrors in a more outward position (set mirrors so that in the normal seated position one cannot see either side of car), this greatly improves your view of what's behind. You must lean to right or left to fully see if anyone is in your relocated and shorter length blind spot. But with

this method there isn't much blind spot remaining even without leaning outward. This outside mirror setting also removes most of the headlight glare from rear approaching cars during night time driving. Your center mirror usually has a night and day adjustment. What I am saying is that you should set your mirrors different than we all thought was correct. I don't want to hear as I do from some contractors, the old phrase... "We have always done it that way."

Another item that has bothered me for many years is that if drivers in the inner or fast lane are doing the speed limit, they don't feel obligated to move over and let faster drivers pass. Today, in our Salem local newspaper, there is an article about a five person panel questioned by the newspaper regarding road rage. One panel member, age 72, having driven for 38 years, stated... "If I'm driving the speed

limit, I'm not obstructing traffic." This attitude can lead to dangerous consequences. For example, as I was driving to Portland for work several years ago when it was a two lane freeway each way. (I drove to Portland to work for 25 years.) Just north of Woodburn, there were many cars in the right hand lane going slightly below the speed limit and some of us were trying to pass. But the car in the lead in the fast lane moved so slow past the other cars, that in two miles he still hadn't passed them. The driver directly ahead of me just behind the slow moving driver in the fast lane kept blinking his lights and honking his horn, but getting no action. Apparently in rage or desperation he rammed the car ahead which almost ran off the road. This driver then moved into the right hand lane. I wonder what the driver mentioned above who feels he is not obstructing traffic would say about this possibility. ■

THE REAL WORLD

by Ed Loy, CSI, CDT

SNODGRASS, LITERARY SPEC WRITER



IT'S MY LATEST NIKE PROJECT SPEC. I'M TITLING IT "ARCHITECTURE IN TOYLAND: INTRODUCING DRAMA TO THE BEAVERTON SKYLINE".

April 1998

EDUCATION & TECHNICAL

Portland Chapter CSI Events

- Apr. 4 Certification Exams 297-2162
Apr. 9 SSG Lunch Meeting (2 LU's/HSW)
Apr. 13 PRSG Lunch Meeting
Apr. 14 CSI Dinner Meeting "Privately Funded Light Rail to Airport?"
(3 LU's) 297-2162
Apr. 23 SSG Lunch Meeting (2 LU's/HSW)
Apr. 24-26 Leadership Conference, Renton, WA (206) 382-3393
- May 4 Products Fair Balloon Blitz (Please call Cherie McNabb (360) 573-7834 to volunteer)
May 5 AIA/CSI/IIDA Products Fair (2 LU's/HSW/Hr.) (360) 573-7834
General info. 297-2162, booth info. (360) 573-7834
Keynote Speakers: Arthur Erickson, 4 AIA, .2 IIDA credits
Richard Mittie, 4 AIA, .2 IIDA credits
NO CHAPTER DINNER MEETING THIS MONTH
- May 14 SSG Lunch Meeting (2 LU's/HSW)
May 28 SSG Lunch Meeting (2 LU's/HSW)
- June 8 PRSG Lunch Meeting
June ?? Chapter Awards Banquet 297-2162
June 19 Chapter Golf Tournament 452-8550
June 11 SSG Lunch Meeting (2 LU's/HSW)
June 24-28 CSI National Convention, Baltimore, Maryland (800) 689-2900
- July ?? Chapter summer planning session (503) 223-1181

Future CSI Events

Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Seminars Under Consideration

TBA Special Inspection

Other Events:

- AIA Spring Lecture Series, (starts March 12) 223-8757
EIFS Inspectors Training/Certification Session, March 19th (800) 524-4215
National AIA Convention, San Francisco, May 14-17 (202) 626-7395

ABBREVIATIONS & CONTACTS

- LU's AIA Learning Units available
HSW Health, Safety & Welfare credits
PRSG Product Rep Share Group — Mike Beeson 684-3187, (meets 12-1pm, C.A. Newell, 3002 N. Wygant)
SSG Specifiers Share Group — Bob Easton 245-7100, (meets 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

**PORTLAND CHAPTER
ENCOURAGES ATTENDANCE AT THE
LEADERSHIP CONFERENCE
by John Lape, CSI, CCS, AIA**

The annual Leadership Conference will be held this year in Renton, Washington. The conference is hosted by the Puget Sound Chapter, and as always, is free to CSI members. The Portland Chapter continues to support this conference as a leadership training opportunity for Committee Chairs, Committee Members, and Board of Directors. The Chapter will pay lodging for active members attending this conference.

I will be taking my bus up Friday afternoon, and returning Sunday mid-day. If you are interested in riding along, please give me a call at 243-2837.



ROOMMATE NEEDED



Ken Searl is looking for a roommate to share a room with him at the Baltimore Convention in June.

If you are interested, (must be male and non-smoker) please call Ken at (503) 362-3472.

1998 LEADERSHIP CONFERENCE

WHO should attend? All incoming and outgoing board members and committee chairs.

WHAT is the purpose? To provide training for Chapter officers and committee chairs.

WHERE will it be? Holiday Inn Select, Renton, Washington

WHEN does this happen? April 24 - 26, 1998

WHY attend? Improve your leadership skills. Learn from other Chapters. For personal career growth. IT'S FUN!

We hope to see you there!

Hosted by: Puget Sound Chapter
The Construction Specifications Institute
(206) 382-3393

Letter to the Editor —

It is always interesting to hear members evaluate the dinner presentations. Sometimes no comments are forthcoming and sometimes the sheer amount of comments indicate that a nerve has been struck.

The February 10th meeting seems to have triggered a lot of comments. I have heard mostly positive remarks. The topic, "Changing Faces, Changing Times: Diverse Teams at Work" was well presented and I, as well as some others, were surprised at how our values influence our perspective. Comments received reflected our diverse values, opinions, backgrounds, etc. Some suggested that they would like to have more technical presentations, more product information, learn about sales situations, and so on, at our dinner presentations. These requests only point out how diverse a group we are. This diversity is very challenging to the Program Committee. Considering this challenge, the Program Committee has been doing a terrific job in offering a wide variety of diverse topics to a very diverse group of people.

Cornelia Gibson, CSI

1998 CSI GOLF TOURNAMENT

JUNE 19, 1998

1:00pm SHOTGUN START

Three Rivers Golf Course

2222 South River Road • Kelso, WA 98626

(360) 423-4653 • 800-286-7765

We have spots for up to 144 golfers or should we say "had" 144 spots because they are going fast. Sign up as soon as possible to join us for what we know will be our best Tournament yet. Don't miss out on this great opportunity for FUN!

ENTRY FEE: \$60 per player (Covers — Green Fees, Cart, Box Lunch, Tee Prizes)

SCHEDULE:

11:00am - 12:00pm — Tournament Sign-in

1:00pm — Shotgun Start

Golf awards will follow the tournament.

Please help sponsor this year's tournament with a:

Hole Sponsorship for \$250

Men's/Women's Long Drive or Men's/Women's KP (each) \$150



Prepayment Required To Play

Name(s) _____

Address _____

Business _____ Phone _____ Fax _____

Contact Person _____ Team Name _____

of Players _____ Hole Sponsorship _____ Long Drive _____ KP _____

Total Payment _____ Payment Method? Check • Visa • MasterCard
(please circle one)

Cardholder Name _____ Authorized Signature _____

Cardholder Address _____

Card Number _____ Expires _____

Make check payable to CSI and mail to:

CSI 9578 SW Morrison St. • Portland, OR 97225

If you have any questions, please call Jim Rother phone 503-452-8550 fax 503-293-0134

CHANGING FACES, CHANGING TIMES: DIVERSE TEAMS AT WORK FEBRUARY DINNER MEETING by Ellen Onstad, CSI, CDT

The February CSI dinner meeting seemed more a team building exercise than a "Normal" meeting. We got up and moved around asking earth-shattering questions like, "How many pairs of shoes do you own?" "Have you ever been on a diet?" "Are you a fan of classical music?" "How many brothers and sisters do you have?"

It was interesting to see the wide mix of backgrounds that come to the CSI dinners. Wayne Baseden of Baseden Seminars gave us an explanation of the way society and cultures around us change as we quickly approach the 21st century.

We broke into table groups and answered some multiple-choice questions about diversity. Some of the correct answers surprised us. For example Question 14 - The American Demographics research group predicts that by the year 2000, what percentage of US households headed by 35 to 54 year-olds will have male homemakers? (The answer is 37%). We as a group thought that 15% was the right answer.

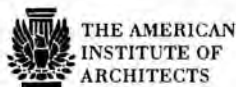
There were other questions that we as a group did not agree

with. For example - high divorce rates and increasing numbers of unmarried mothers contribute to the growing number of children living with single parents, and these families are disproportionately poor. What share of American children live in single parent families? Some thought 1 in 2, but the correct answer was 1 in 4.

When we look at changes in the American family, it is also important to look at the changes in the work force. It is true that someday soon 85% will be immigrants, women and minorities. In order to remain competitive, you should consider being multi-lingual and multi-cultural in both your personal and professional life.

Terms and definitions are another aspect of how the work force is changing. Instead of working for, and with one's boss or supervisor - it is becoming increasingly important to work as a team within your company. At my office, we have a multiple-team approach (i.e. we have position similar teams, geography teams, and coworker teams). The downfall is that with the number of teams it becomes difficult to schedule all the conference calls and meetings.

In closing, I look around at the people that join me on this airplane, and think about how there appears to be people of difference cultures, and backgrounds. (Not races-because after all we all come from the same race-correct?) And as we head in different directions - for differing reasons - we all share this tiny space for a short time. It is essential that we make the best of it. ■



1998 PRODUCTS FAIR



Tuesday, May 5, 1998 ~ 2:00 pm until 8:00 pm ~ Portland, Oregon
Oregon Convention Center - Exhibit Hall A, 777 M.L.K. Jr. Blvd.
Exhibitors need to Register for a booth Now!

Interested? Please fill this out and fax to Cherie McNabb @ 360-571-8834 or call at 360-573-7834
You will receive an information packet that will give you more detailed information on the fair!

Your Name: _____ Your Company: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

- Booths will be ten feet by ten feet draped, with one eight foot draped table, one chair, identification sign and one parking pass.
 - Booth prices are \$500.00 for all standard booths, \$600.00 for all premium booths and \$55.00 per booth for electricity.
 - There will be a Comedian at 12:00 noon the day of the show, prior to the start of the show, open to all exhibitors. Lunch will be available for \$12.00. Please plan on attending. We enjoyed it last year and are sure you will enjoy it again this year.
- I plan on attending the Exhibitor Luncheon prior to the start of the fair at \$12.00 per person, comedy entertainment.
- I would like to have a booth and need more information sent _____ faxed _____ to me!

We hope to see you at **1998 PRODUCTS FAIR!**





THE AMERICAN
INSTITUTE OF
ARCHITECTS



Advancement of
Construction
Technology

IIDA
INTERNATIONAL
INTERIOR DESIGN
ASSOCIATION



1998 PRODUCTS FAIR



February 28, 1998

With great pleasure, the members of CSI (Construction Specifications Institute), the members of IIDA (International Interior Design Association) and the members of AIA (American Institute of Architects), invite you to attend our 24th Annual *1998 CSI/IIDA/AIA Products Fair*.

Please join your industry peers on:

DATE: Tuesday, May 5, 1998

TIME: 2:00 pm - 8:00 pm

PLACE: Oregon Convention Center, Exhibit Hall A, 777 NE M.L.K. Blvd. Portland, OR 97217

COST: FREE

The 1998 Products Fair offers all team members of construction - Building Owners, Architects, Interior Designers, Specification Writers, Contractors and Subcontractors - an excellent opportunity to see 141 booths full of design and construction products, and meet the local, national and regional product sales representatives. They will all be under one roof, and it all happens in one afternoon!

This is the event to see a diverse variety of commercial quality products and ask questions of suppliers and manufacturers who represent them. Along with the 141 vendor booths, the fair offers two keynote speakers:

- Arthur Erickson, Hon. FAIA, FRAIC, ARCA, MRIBA. His topic "The Potential of Architecture". Arthur has acquired awards from all over the world too numerous to cite. He has an honorary doctorate at several academic institutions, and is the only Canadian to have received the Gold Medal of the American Institute of Architects. His architectural achievements have been widely published and his work and life have been the topics of several books. He will begin at 7:30 pm and finish at 9:30 pm. The cost is \$10.00 per person. Arthur will be part of the "AIA Spring Lecture Series." You will receive 4 AIA LU credits for attending, or .2 IIDA CEU credits (the cost for registering IIDA CEU credits is \$8.00).

- Richard L. Mittie, Flooring Inspection Services, will focus on carpet construction, manufacturing, installation problems, and carpet appearance index. He will begin at 3:00 pm and finish at 5:00 pm. The cost is \$20.00 per person. You will receive 4 AIA LU credits, or .2 IIDA CEU credits for attending this seminar (the cost for registering IIDA CEU credits is \$8.00).

Please look for the registration forms that will be out to you soon. One extra bonus, when you walk the Products Fair you will earn 2 AIA LU credits per hour. There will be a sign in sheet at the registration counter for these credits.

Expect to see a host of great door prizes given away by the vendors throughout the afternoon and at approximately 5:30 there will be a variety of Hors d' oeuvres for your enjoyment. Last but not least at 8:00 pm there will be 2 grand prize drawings for weekend getaways for two.

The Annual Products Fair is an opportunity for you as a professional to expose yourself to the largest Products Fair in the Northwest. Your support will give us the opportunity to continue the education and networking programs that AIA, CSI and IIDA provide.

We look forward to seeing you at the *1998 CSI/IIDA/AIA Products Fair!*

Sincerely,

Richard Heiserman, CSI
President, Portland Chapter CSI

Vanessa Nagel
President, Portland Chapter IIDA

David Giulietti AIA
President, Portland Chapter AIA



April 1998

**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
February 3, 1998**

CALL TO ORDER: The meeting was called to order by President Rick Heiserman at 12:00 p.m. at the AIA/CSI Conference Room.

QUORUM: Yes.

PRESENT: Rick Heiserman, John Kehrli, Cornelia Gibson, Inge Carstanjen, Igo Jurgens, Linda Joens, Dennet Latham, Mike Watson, Dale Kuykendall.

ABSENT: Bob Easton, Chris Irwin.

ALSO PRESENT: John Lape, Lee Kilbourn, Dianne Kuykendall.

1. **MINUTES:** The January 6, 1998 Board Meeting minutes were approved as presented.

2. **FINANCIAL REPORT:**

A. Board reviewed the monthly financial reports. It was noted that funds for 27 booths for the Products Fair have been received.

3. **CORRESPONDENCE:** None.

4. **EDUCATION/CERTIFICATION/PROGRAMS:**

A. Preparatory classes for certification exams will start on Thursday, February 12, 1998 at 6:30 p.m. Classes will be held on consecutive Thursday evenings through April 2nd at Rodda Paint Co. Certification exams will be given Saturday, April 4th.

B. Consideration is given to offering eight to ten Spring Seminars this year.

C. February's Dinner Meeting featuring speaker Wayne Baseden's theme of "Changing Faces, Changing Times: Diverse Teams at Work" promises to be dynamic.

D. March Dinner Meeting: "Portland Architecture" will be presented by Jonathan Nicholas. In celebration of CSI's 50th anniversary this March, memorabilia and old documents will also be on display.

5. **OLD BUSINESS:**

A. 1998 Region Conference: Committee is meeting twice per month. Committee estimates that registra-

tion fee will be approximately \$225. Sponsorship levels have been developed.

B. Mike Watson reported the following award nominations were submitted to the Institute:

- a. Publications Commendation Award:
Chapter Directory, Editor, Lee Kilbourn.
The Predicator, Editor, Dianne Kuykendall.
- b. Ben John Small Memorial Award: Lee Kilbourn
- c. J. Norman Hunter Memorial Award: John Lape

C. Igo Jurgens attended the Mark Levin "Paying Attention to Retention" workshop, in November 1997, in Las Vegas. He discussed ideas on how to keep new members interested and involved. The Membership Committee will try to implement these ideas.

D. Chapter Sponsorship/Investment plan has received several commitments.

6. **NEW BUSINESS:**

A. Nominating Committee announced the following nominations for the 98/99 elections:

President - Rick Heiserman, President-Elect - Igo Jurgens, Secretary - Cornelia Gibson, Treasurer - Inge Carstanjen. Nominations for Board positions are still open. Ballots will be included in the April issue of The Predicator.

B. Arthur Erickson, renowned Canadian architect, has been identified as the Chapter's speaker at the '98 Products Fair.

7. **COMMITTEE REPORTS:**

A. Product Rep Share Group (PRSG) plans to discuss "Product Liability" with a panel of presenters at their noon meeting on February 9, 1998.

B. Contractor Share Group is in need of a chairperson.

NEXT MEETING: March 3, 1998 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 12:58 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

President Rick Heiserman, CDT	223-1181
President-Elect Igo Jurgens, CSI	224-0992
Immediate Past-President Dale Kuykendall, CCA	624-2090
Secretary Carmelia Gibson, CSI	624-7441
Treasurer Inge Carstanjen, CDT	297-2162
Exec Director Inge Carstanjen, CDT	297-2162
Director, Professional 1996-1998 Dennis Latham, CCS	224-6040
Director, Professional 1997-1999 Bob Easton, CCS	245-7100
Director, Industry 1996-1998 Linda Joens, CSI	274-0086
Director, Industry 1996-1998 John Kehrl, CSI	644-7102
Director, Industry 1997-1999 Mike Watson, CDT	239-8128
Director, Industry 1997-1999 Chris Irwin, CDT	650-0148

COMMITTEE LEADERS

Archives/Historian Margie Largent, CSI	620-6573
--	----------

Awards Mike Watson, CDT	239-8128
By-Laws Ken Seidl, CCS	363-3133
Certification Chris Irwin, CDT	650-0148
Editor Dianne Kuykendall, CSI	631-3782
Education Tim Cockburn, CDPB	666-5541
Finance John Lape, CCS	243-2837
'98 Region Conference John Lape, CCS	243-2837
Liaison Igo Jurgens, CSI	223-0992
Library Perky Kilbourn, CSI	222-5279
Membership Lee Kilbourn, CCS	417-4400
Nominations Rick Heiserman, CDT	223-1181
Orientation Linda Joens, CSI	274-0086
Planning Rick Heiserman, CDT	223-1181
Product Rep Share Group Mike Beeson, CDT	684-3187
Products Fair Cherie McNabb, CDT	360-573-7834
Programs Phyllis Fritzie, CDT	203-9207

Publicity Dianne Kuykendall, CSI	631-3782
Specifiers Share Group Bob Easton, CCS	245-7100
Technical Bob Easton, CCS	245-7100

**INSTITUTE
DIRECTORS**

Dick Kistek, CDPB	253-759-3800
Dev. O. Tex Division Crossfield Products Corp 5249 N. 10th Street Tacoma, WA 98406	
John Lape, CCS	503-243-2837
Lape Architects 5410 SW Macadam, #270 Portland, OR 97201	

**REGION
COMMITTEE LEADERS**

Archives/Historian Margie Largent, CSI	503-620-6573
Awards Mike Amsbury, CDT	509-483-6315
Education Richard Floyd, CDT	206-241-9071
Membership Karen Morris, CSI	208-343-3620
Publication Dianne Kuykendall, CSI	503-631-3782
Technical Carl Grundberg, CDT	907-272-8833

Certification Dennis Latham, CCS	224-6040
Planning Ralph Robinson, CSI	425-068-1922

**NORTHWEST REGION
CHAPTER MEETINGS**

The chapters below are the program chairs or officers of various chapters.

Cook Inlet, Anchorage, AK (Third Tuesday)	Frank Radd	907-486-1303
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray	206-392-1991
Mt. Rainier, Tacoma, WA (Third Wednesday)	Glenda Kelly	206-393-1104
Spokane, WA (Second Thursday)	Sherry Harbaugh	509-336-6535
Portland, OR (Second Tuesday)	Inge Carstanjen	503-297-2162
Capital, Salem, OR (Fourth Thursday)	Mark Burleson	503-390-0281
Willamette Valley, Eugene, OR (Last Thursday)	James Wentworth	541-346-2288
Idaho, Boise, ID (First Tuesday)	Karen Morris	208-345-3620

**WAYNE BASEDEN
TEAM-BUILDING SEMINAR**

As a follow-up to the February meeting, Wayne Baseden is offering a team-building seminar on May 1st, from noon to 4:00pm.

The seminar costs \$99 per person, or \$89 per person for preregistered groups of 5 or more.

For registration information, call 284-2211. (GR-8 Times)

**IFMA PRESENTS COURSE ON
DISPUTE MANAGEMENT**

International Facility Management Association (IFMA) is presenting a course on dispute management.

The course will be presented on April 7th, 12:30pm - 4:30pm, by Jeff Busch, PMP, of Pinnell/Busch, Inc. at the Northwest Natural Building. The cost is \$75 per person.

For more information, or a registration form, please call (503) 220-1663.



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Please make nametags for my guest(s) _____

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Checks may be mailed to: 9578 SW Morrison St. • Portland, OR 97225
If you have any questions, please call (503) 297-2162.

the PREDICATOR



1998 PRODUCTS FAIR



AIA, CSI and IIDA Portland Chapters
are pleased to announce the Cinco de Mayo

24th Annual Products Fair,

Tuesday, May 5, 1998

2:00 pm - 8:00 pm

141 booths will showcase the latest products
and technology available for interiors,
building design and construction.



Two Keynote Speakers

Arthur Erickson
AIA Spring Lecture Series
7:30 p.m. - 9:30 p.m.
COST: \$10.00

Richard L. Mittie
3:00 pm - 5:00 pm
COST: \$20.00
STUDENTS: \$10.00

Tuesday, May 5, 1998 - 2:00 pm - 8:00 pm

Oregon Convention Center - Exhibit Hall 'A' - Portland, Oregon

- FREE ADMISSION - FREE ADMISSION -

- *Hors d' oeuvres served at 5:30*
- *Terrific door prizes given by individual Vendors throughout the day*
- *2 Grand Prize drawings at 8:00 pm for a weekend getaway for two to some great escape!*

Compliments of 1998 Products Fair.
(You need not be present to win.)

For additional information contact Inge Carstanjen at (503) 297-2162



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VOLUME 37, No. 10

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

PRESIDENT'S MESSAGE

by Rick Heiserman, CSI, CDT, AIA

The annual Portland Chapter Products Fair is a great opportunity to see local and national manufacturer representatives. This year it takes place on May 5 at the Oregon Convention Center from 2:00 pm - 8:00 pm. I have found this format a great way to discuss with the representatives how their products have performed on our projects and learn about new products being introduced to the market. If your catalog library is in need of updating, this is an excellent event to attend. The Fair is free and I am sure you will find it rewarding.

June is fast approaching. There are two activities that the Chapter has done for years that I really enjoy. First is the awards banquet. This is the time of year we honor those in the Chapter who have contributed their time and talents to making the

Chapter and the industry better. It is also a time to reflect on what has transpired throughout the year and what can be planned for the future. The awards committee is seeking nominations. Please let Mike Watson, at 239-8128, know by mid-May, of individuals you feel deserve attention. The second event in June is the Portland Chapter CSI Golf Tournament. I have been learning the game of golf since I was 10 years old (I am still learning) and I find this tournament fun. It is a scramble format which allows you to enjoy the game without relying on your blown shots. Whether you have learned the game or play the way I do, it will be enjoyable. This year it is scheduled for June 19 and will be held at the Three Rivers Golf Course in Kelso, Washington.

Early registration for the CSI National Convention has come and gone. However, there is still time to register for the Convention,



which will be held June 25-28, in Baltimore, Maryland. I have found the Convention to be filled with useful information. This is the largest nonresidential building construction convention in the country. ■

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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to kms@pacifier.com. 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.

Place your Insert in The Predicator!

Member Price: \$ 450

For more information contact the Editor. (Non-Members contact the Membership Committee.) Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

THE PREDICATOR STAFF

Publication Committee

Inge Carstanjen
Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

Editor

Dianne Kuykendall,
Kuykendall Marketing Services

Printer

Echo Printing

BS BY Ks

BASIC SPECS

by Ken Searl, FCSI, CCS

Recently on a trip to Memphis and down river to New Orleans, I noticed a cartoon named Ziggy in the Memphis newspaper which had an unusual name, "The Commercial Appeal." In the cartoon, Ziggy is shown sitting in front of his computer with his hand on the mouse making the following statement... "I've spent so much money upgrading my computer, I guess I can say I've really put my money where my mouse is!" I think many of us probably feel the same way.

Our riverboat (American Queen) is the largest in the USA being 418 feet long, nearly 90 feet wide and five decks above water line. It also has hydraulic operated stacks that fold down to pass under low bridges. The boat is very classy with a lot of unusual items. One of them is in the forward American Deck, with table and chairs painted white except that the chair seat looks like it was painted with someone sitting in it. The finished product shows the area where one sits with the color of the original wood. How does one write a specification for this item?

You may be asking by now what does all this have to do with specifications. Not much, so I will now get going on specifications and related items. There is an article on the back page of the February 1998 CSI Leader publication by Sheldon Wolfe entitled... "PageFormat," which has changed little since it

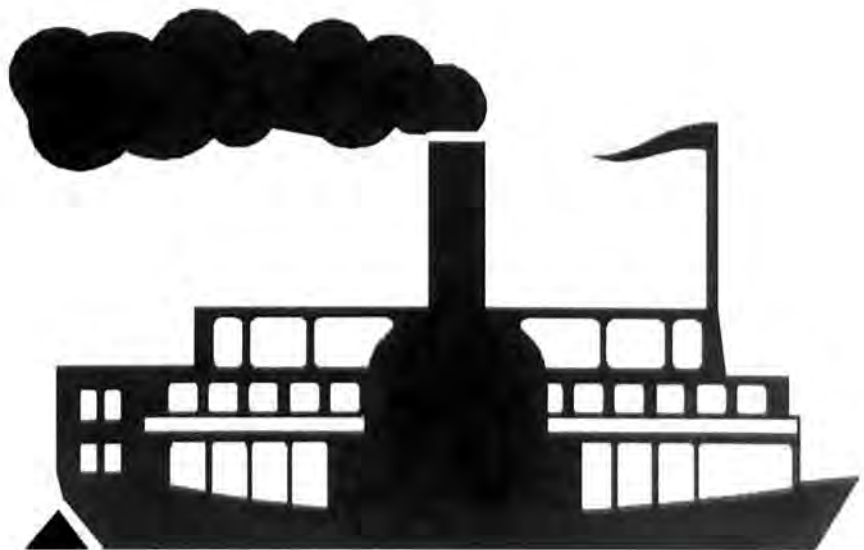
first appeared in 1974. It is now under review by the Technical Committee.

The article states that the essence of CSI's format series documents is communication-presenting information in the most easily understood manner. PageFormat should take advantage of all available means to make specifications easier to read. Changes being considered by the Technical Committee would address use of boldface and italics, length of line, space between lines and paragraphs, and font selection. Rather than ignore these features, the Technical Committee will look at how they are used in the publishing industry today to make a document easier to read.

The Technical Committee will also investigate the impact of electronic formats, including distribution by Internet, e-mail, and electronic media. This investigation is not confined to PageFormat, but will include all CSI documents, project manuals and drawings, manufacturer's data, and other

construction documents. If you have comments regarding above, fax them to Chris Bushnell, Chair, Technical Committee, at 703-684-9182. Or e-mail him at cbushnell@arcomnet.net. Tell him Ken sent you. Incidentally, my spelling checker does not recognize the word "Internet."

I was given a copy of a page from a specification for Steward/Tops, Seattle School District for Laboratory Fittings and Fixtures, Section 11604 (page 3) which is referring to words "shall be supplied" and "etc." Words like "shall be supplied" is not critical but not needed, however the word "etc." is a no-no and in court can be very dangerous to your cause. I don't know which firm wrote this specification but if they and any of the rest of you folks would like a copy of Paul Edlund's FCSI, CCS "Language of Specifications" covering proper wording and terminology of what to use and what not to use in specification writing, let me know and I will send you one. My Tel/Fax is 503-362-3472. ■



May 1998

EDUCATION & TECHNICAL

Portland Chapter CSI Events

- May 4 Products Fair Balloon Blitz (Please call Cherie McNabb (360) 573-7834 to volunteer)
- May 5 **AIA/CSI/IIDA Products Fair (2 LU's/HSW/Hr.) (360) 573-7834**
General info. 297-2162, booth info. (360) 573-7834
Keynote Speakers: Arthur Erickson, 4 AIA, .2 IIDA credits
Richard Mittie, 4 AIA, .2 IIDA credits
- NO CHAPTER DINNER MEETING THIS MONTH**
- May 14 SSG Lunch Meeting (2 LU's/HSW)
- May 28 SSG Lunch Meeting (2 LU's/HSW)
- June 8 PRSG Lunch Meeting
- June 12 **Chapter Awards Banquet 297-2162**
- June 19 **Chapter Golf Tournament 452-8550**
- June 11 SSG Lunch Meeting (2 LU's/HSW)
- June 24-28 CSI National Convention, Baltimore, Maryland (800) 689-2900
- July 31 Chapter summer planning session (503) 223-1181

Future CSI Events

Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Seminars Under Consideration

TBA Special Inspection

Other Events:

- AIA Spring Lecture Series, (started March 12) 223-8757
- National AIA Convention, San Francisco, May 14-17 (202) 626-7395
- SBS Modified Roofing Technology & Lightweight Concrete Seminar, May 20, FREE, 13.5 AIA/CES credits,
Joan Robbins (503) 697-4249

ABBREVIATIONS & CONTACTS

- LU's AIA Learning Units available
- HSW Health, Safety & Welfare credits
- PRSG Product Rep Share Group — Mike Beeson 684-3187, (meets 12-1pm, C.A. Newell, 3002 N. Wygant)
- SSG Specifiers Share Group — Bob Easton 245-7100, (meets 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

THE REAL WORLD

by Ed Loy, CSI, CDT

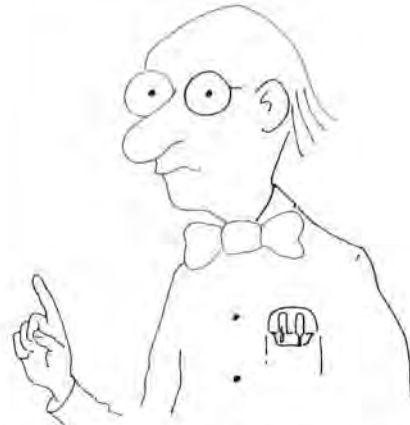


**CSI
Baltimore Chapter
Golf Tournament**

Join your colleagues on the links for a good time on Wednesday, June 24, during CSI's National Convention and Exhibit. The tournament will be held at the Turf Valley Resort and Conference Center in Ellicott City, MD. Registration will begin at 7:00 a.m., with a 7:30 a.m. shotgun start. If you are interested in playing or becoming a sponsor, contact Baltimore Chapter member Robert Rosenbaum, Sr., CSI, at (703) 356-7400 or fax (703) 734-0556, or e-mail bobjr@resco.org.



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E. Loy
1982

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Be a sponsor of the CSI Portland Chapter and your ad can be seen here too. For more information call Rick Heiserman at 223-1181.

— Dinner Meeting Table Top Displays —

If you are interested in promoting your product at a dinner meeting, you may do so with a table top display for \$100. (Limit 2 per dinner) Call Inge Carstanjen at 297-2162.



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INSTITUTE NEWS

"Green" Building Symposium

The Construction Specifier and the International Construction Information Society (ICIS) will cohost the "A Green World" symposium June 24, 1998, as part of CSI's 42nd Annual Convention and Exhibit at the Baltimore Convention Center in Baltimore, Maryland.

The symposium will take a day-long look at what is being done in the United States and around the world to promote environmentally friendly buildings. Divided into two parts, the morning session will focus on environmental issues in the United States and will include speakers from the U.S. Green Building Council, National Institute of Science and Technology, Green Seal, and Hellmuth, Obata + Kassabaum (HOK).

The afternoon session will look at the international scene and include presentations from ICIS representatives from Europe and the Pacific Rim. The symposium will wrap up with a report from ICIS on a study of environmental issues relating to building specifications within ICIS member countries.

For information on attending the symposium contact CSI's member/customer service department at (800) 689-2900.

A New PerSpective on Design-Build Projects

PerSpective, the first product of the CSI/DBIA (Design Build Institute of America) Joint Venture, is slated for release toward the end of 1998. Designed to run in Windows 95, 98, or NT, this relational database will describe performance requirements for construction projects—for inclusion in an owner's RFP, a design-builder's proposal, or for use in a design-build team's internal communications.

Hierarchically organized to allow owners to define construction projects in the broadest terms possible, adding details only when they are really necessary,

PerSpective will allow the design-build team maximum flexibility in meeting performance requirements. Because it is a relational database, paragraphs of text will be linked so that mutually exclusive choices can be avoided, while related requirements are highlighted, streamlining the decision-making process. Software links will also enable PerSpective to report discrepancies between RFP requirements and what's offered in the proposal.

Building Systems Design, Inc. (BSD), a software development company based in Atlanta, is CSI/DBIA's chief consultant on PerSpective, developing both the database and the software. In the spring of 1999, BSD will add two new products, CADLink and LinkManager, to the two they already offer, SpecLink and CostLink. These products, and PerSpective, will be interlinked and usable independently or in concert. Much as an Excel spreadsheet embedded in an MS Word document is updated when the original is changed, PerSpective will exchange information, through LinkManager, with CAD drawings, cost estimates, and prescriptive specs. Other software developers who design or adapt products using this file protocol will also be able to link to the suite.

Since industry analysts expect ever more projects to be designed and managed over the Internet, PerSpective will be released as a 32-bit product, giving it a WYSIWYG interface and making it nimble on the Internet. PerSpective is designed to be very user-friendly, with online Help, both electronic and paper user's manual, and technical assistance by phone. Stop by for a demo at CSI's Convention in June, as well as at CSI/DBIA/McGraw-Hill Design-Build Seminars this spring and summer.

For more information on PerSpective, or to offer your firm as a beta-test site, call (800) 689-2900, ext 749, or inquire at Lhartman@csinet.org. For information on DBIA, contact Terry King at (202) 682-0110 or at dbia@dbia.org.



1998 CSI GOLF TOURNAMENT

JUNE 19, 1998

1:00pm SHOTGUN START

Three Rivers Golf Course

2222 South River Road • Kelso, WA 98626

(360) 423-4653 • 800-286-7765

We have spots for up to 144 golfers or should we say "had" 144 spots because they are going fast. Sign up as soon as possible to join us for what we know will be our best Tournament yet. Don't miss out on this great opportunity for FUN!

ENTRY FEE: \$60 per player (Covers — Green Fees, Cart, Box Lunch, Tee Prizes)



SCHEDULE:

11:00am - 12:00pm — Tournament Sign-in

1:00pm — Shotgun Start

Golf awards will follow the tournament.



**Please help sponsor this year's tournament with a:
Hole Sponsorship for \$250
Men's/Women's Long Drive or Men's/Women's KP (each) \$150**

Prepayment Required To Play

Name(s) _____

Address _____

Business _____ Phone _____ Fax _____

Contact Person _____ Team Name _____

of Players _____ Hole Sponsorship _____ Long Drive _____ KP _____

Total Payment _____ Payment Method? Check • Visa • MasterCard
(please circle one)

Cardholder Name _____ Authorized Signature _____

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**Make check payable to CSI and mail to:
CSI 9578 SW Morrison St. • Portland, OR 97225
If you have any questions, please call Jim Rother phone 503-452-8550 fax 503-293-0134**



THE AMERICAN
INSTITUTE OF
ARCHITECTS



Advancement of
Construction
Technology

I I D A
INTERNATIONAL
INTERIOR DESIGN
ASSOCIATION



1998 PRODUCTS FAIR



Keynote Speaker 1

• **Arthur Erickson** •

7:30 p.m. - 9:30 p.m.

COST: \$10.00

CREDITS: 4 AIA LU credits

.2 IIDA CEU (Registering CEU credits is \$8.00)

• Arthur Erickson, Hon. FAIA, FRAIC, ARCA, MRIBA. His topic "The Potential of Architecture." Arthur has acquired awards from all over the world too numerous to cite. He has an honorary doctorate at several academic institutions, and is the only Canadian to have received the Gold Medal of the American Institute of Architects. His architectural achievements have been widely published and his work and life have been the topics of several books. Arthur will be part of the "AIA Spring Lecture Series."



Keynote Speaker 2

• **Richard L. Mittie** •

3:00 pm - 5:00 pm

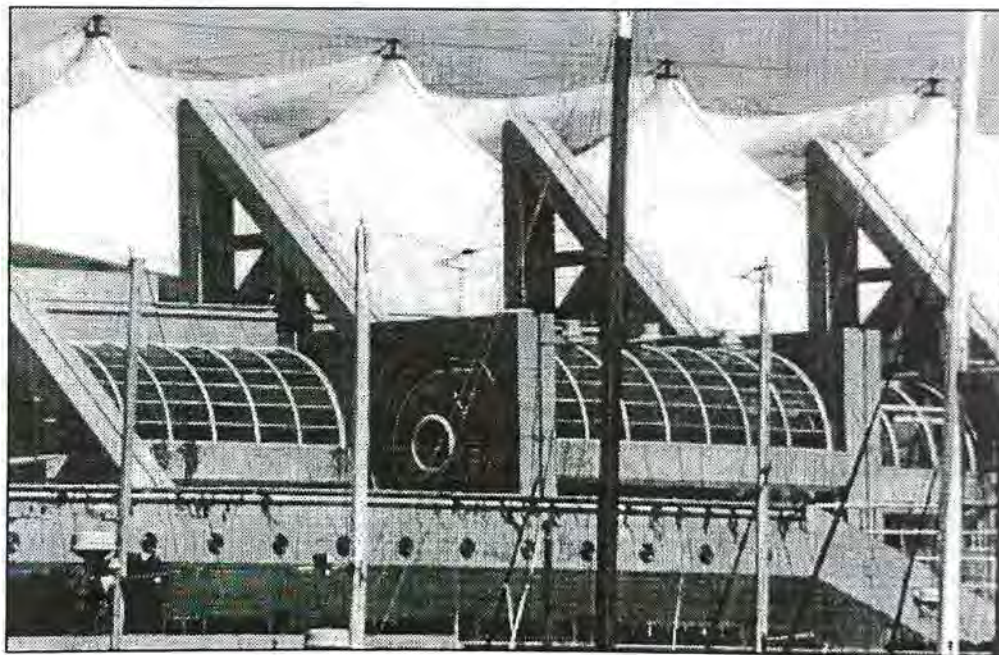
COST: \$20.00 - STUDENTS: \$10.00

CREDITS: 4 AIA LU credits

.2 IIDA CEU (Registering CEU credits is \$8.00)

• Richard L. Mittie, Flooring Inspection Services, will focus on carpet construction, understanding how tufted carpet is manufactured. Manufacturing defects, how to identify and which defects can be corrected. Installation related problems commonly seen with incorrect installation technique. And carpet appearance index with regards to the carpet's density, color, design, pile texture, fiber and their relationship to how a carpet will perform.

Tuesday, May 5, 1998 - 2:00 pm - 8:00 pm
Oregon Convention Center - Exhibit Hall 'A' - Portland, Oregon



San Diego Convention Center - San Diego, California

Arthur Erickson Architects

Some of Mr. Erickson's other most notable projects include Robson Square in Vancouver, BC, Pavilions in Expos in Tokyo and Osaka, and the 11 acre Bunker Hill Redevelopment in Los Angeles. He continues to design projects throughout the world ranging from residences to museums, resorts and libraries.





1998 PRODUCTS FAIR



Tuesday, May 5, 1998 - 2pm - 8pm, Oregon Convention Center - Exhibit Hall 'A' - Portland, OR

REGISTRATION FORM:

Send in to sign-up for all of the events going on at **1998 PRODUCTS FAIR**.
Please check the appropriate boxes.

- AIA/CSI/IIDA PRODUCTS FAIRFREE
2:00 pm - 8:00 pm
Hors d' oeuvres 5:30 pm
2 AIA LU's per hour on exhibit floor
- KEYNOTE SPEAKER #1\$10.00
Arthur Erickson, Vancouver, B.C. Canada
7:30 pm - 9:30 pm, 'The Potential of Architecture'
4 AIA LU's - Part of the "AIA Spring Lecture Series"
 .2 IIDA CEU's\$8.00
- KEYNOTE SPEAKER #2\$20.00
Richard L. Mittie, Flooring Inspection Services of the NW, Longview, WA
3:00 pm - 5:00 pm, 'Carpet construction, manufacturing & installation problems'
4 AIA LU's
 .2 IIDA CEU's\$8.00
 KEYNOTE SPEAKER #2 STUDENT FEE\$10.00
- EXHIBITORS SPEAKER:\$12.00
Ken Samuelson, comedian with lunch
12 noon - 1:00 pm, Portland Conference Center

Total Enclosed: \$ _____

Name: _____

Company: _____

Title: Architect, Engineer, Interior Designer Student
 Building Owner, Facility Planner Other

Address: _____

Phone: _____ Fax: _____

Return form and payment to:

CSI/IIDA Products Fair, 9578 SW Morrison, Portland, OR 97225 phone: 503-297-2162

OR Fax to 503-297-3183: VISA/MC# _____ exp.date ____ / ____

Card holder name: _____ Address: _____

Signature: _____

To speed up the registration process at the show, complete this form, fax or mail it today even if you are only attending the Product Fair at no charge.

**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
March 3, 1998**

CALL TO ORDER: The meeting was called to order by President Rick Heiserman at 12:03 p.m. at the AIA/CSI Conference Room.

QUORUM: Yes.

PRESENT: Rick Heiserman, Inge Carstanjen, Bob Easton, Cornelia Gibson, Igo Jurgens, Linda Joens, Dale Kuykendall, Dennet Latham, Mike Watson.

ABSENT: John Kehrli, Chris Irwin.

ALSO PRESENT: Dianne Kuykendall.

1. **MINUTES:** February 3, 1998 Board Meeting minutes were approved.

2. **FINANCIAL REPORT:**

A. Board reviewed the monthly financial reports.

3. **CORRESPONDENCE:**

A. Letter from NW Region Director, John Lape was received. His observations regarding Institute Awards lead him to recommend that Chapters begin preparation and assembly of data for Institute Awards very early in the process.

4. **EDUCATION/CERTIFICATION/PROGRAMS:**

A. 18 persons are registered for the Certification Classes.

B. Garland Co. is offering a seminar about the Internet.

C. Preliminary ideas for Spring Seminar topics included "Professional Use of the Internet," "Design Build from the Insurance Perspective," "Team Building."

D. April's Dinner Meeting topic will be, "Light Rail to the Airport."

E. West side Light Rail is scheduled to start operating in September. An August Chapter Meeting is planned to have Dinner Meeting in combination with a ride on this new Light Rail system.

5. **OLD BUSINESS:**

A. Leadership Conference: Committee Chair-persons and Committee members are encouraged to attend this Conference. Chapter and Region cover hotel and registration expenses. Transportation can be arranged with John Lape.

B. 1998 Region Conference: Re-scheduling golf tournament to either Thursday or Sunday afternoon or deleting tournament entirely, was discussed. Planning Committee will further consider these options.

C. Table top displays at the Dinner Meetings was discussed. Product Rep Share Group will be asked to coordinate.

D. Nominations for Institute Awards have been submitted as reported last month.

a. Publications Commendation Award:

Chapter Directory, Editor, Lee Kilbourn

The Predicator, Editor, Dianne Kuykendall

b. Ben John Small Memorial Award: Lee Kilbourn

c. J. Norman Hunter Memorial Award: John Lape

E. Chapter Board nominations for fiscal year 1998-99 will be announced at the March Dinner meeting.

F. New Member Orientation is scheduled for 5:15p.m. at Atwater's prior to April Dinner Meeting.

6. **NEW BUSINESS:**

A. Motion was made seconded and unanimously approved to nominate H. Curtis Finch, FAIA, CSI, for Emeritus status.

7. **COMMITTEE REPORTS:**

A. Products Fair: 75 booths are sold as of time of Board Meeting. Additional advertisement will appear in The Predicator.

NEXT MEETING: April 7, 1998 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 1:05 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

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Rick Heiserman, CDT	223-1181
President-Elect	
Igo Jurgens, CSI	223-0992
Immediate Past-President	
Dale Kuykendall, CCCA	624-2090
Secretary	
Cornelia Gibson, CSI	624-7444
Treasurer	
Inge Carstanjen, CDT	297-2162
Exec Director	
Inge Carstanjen, CDT	297-2162
Director, Professional 1996-1998	
Denmet Latham, CCS	423-3998x21799
Director, Professional 1997-1999	
Bob Easton, CCS	977-5269
Director, Industry 1996-1998	
Linda Joens, CSI	247-2261
Director, Industry 1996-1998	
John Kehrl, CSI	644-7102
Director, Industry 1997-1999	
Mike Watson, CDT	239-8128
Director, Industry 1997-1999	
Chris Irwin, CDT	650-0148

COMMITTEE LEADERS

Archives/Historian	
Margie Largent, CSI	620-6573

Awards	
Mike Watson, CDT	239-8128
By-Laws	
Ken Scull, CCS	662-3472
Certification	
Chris Irwin, CDT	650-0148
Editor	
Dianne Kuykendall, CSI	631-3782
Education	
Tim Cockburn, CCPR	666-5544
Finance	
John Lape, CCS	243-2837
'98 Region Conference	
John Lape, CCS	243-2837
Liaison	
Igo Jurgens, CSI	223-0992
Library	
Perky Kilbourn, CSI	222-5279
Membership	
Lee Kilbourn, CCS	417-4400
Nominations	
Rick Heiserman, CDT	223-1181
Orientation	
Linda Joens, CSI	247-2261
Planning	
Rick Heiserman, CDT	223-1181
Product Rep Share Group	
Mike Beeson, CDT	684-3187
Products Fair	
Cherie McNabb, CDT	360-573-7834
Programs	
Phyllis Fritzie, CDT	203-9207

Publicity	
Dianne Kuykendall, CSI	631-3782
Specifiers Share Group	
Bob Easton, CCS	977-5269
Technical	
Bob Easton, CCS	977-5269

**INSTITUTE
DIRECTORS**

Dick Kissick, CCPR	253-759-3801
Dex-O-Tex Division Crossfield Products Corp 5249 N. 10th Street Tacoma, WA 98406	
John Lape, CCS	503-243-2837
Lape Architects 5410 SW Macadam, #270 Portland, OR 97201	

**REGION
COMMITTEE LEADERS**

Archives/Historian	
Margie Largent, CSI	503-620-6573
Awards	
Mike Amsbury, CDT	509-483-6315
Education	
Richard Floyd, CDT	206-241-9071
Membership	
Karen Morris, CSI	208-343-3620
Publication	
Dianne Kuykendall, CSI	503-631-3782
Technical	
Carl Grundberg, CDT	907-272-8833

Certification	
Denmet Latham, CCS	423-3998
Planning	
Ralph Robinson, CDT	425-469-1924

**NORTHWEST REGION
CHAPTER MEETINGS**

The contacts below are the program chairs or officers of various chapters.

Cook Inlet, Anchorage, AK (Third Tuesday)	Frank Ray	907-522-1707
Puget Sound, Seattle, WA (Second Thursday)	Relta Gray	206-383-3393
Mt. Rainier, Tacoma, WA (Third Wednesday)	Glenda Kelly	206-383-1704
Spokane, WA (Second Thursday)	Sherry Harbaugh	509-456-6533
Portland, OR (Second Tuesday)	Inge Carstanjen	503-297-2162
Capital, Salem, OR (Fourth Thursday)	Mark Bureson	503-390-0281
Willamette Valley, Eugene, OR (Last Thursday)	James Wentworth	541-346-2288
Idaho, Boise, ID (First Tuesday)	Karen Morris	208-345-3620

**INDUSTRY NEWS
ASCC Fights Silicosis**

The American Society for Concrete Construction (ASCC) has issued Safety Alert #20, "OSHA's New Emphasis: Silicosis Prevention." Silicosis is an incurable lung disease caused by airborne, respirable dust particles of silica, a component of concrete. The ASCC publication explains steps contractors can take to protect workers from silicosis.

According to ASCC, the dust caused by fracturing any silica-containing material, such as cutting, chipping, bush-hammering, and grinding operations on concrete, is the most hazardous because of the minute particle size. OSHA,

which has established a National Emphasis Program on silicosis prevention, views respirators as the least acceptable protection from the contaminant. OSHA, instead, recommends using ventilation, isolation, wetting, or similar controls.

Contractors are expected to provide exposure monitoring, medical surveillance, sanitation, personal protective clothing, a comprehensive respirator protective program, and worker training about the hazards of silica.

Safety Alert #20 is available to members for \$2 and to nonmembers for \$4. Call (800) 877-2753 to order the bulletin.

THE PREDICATOR

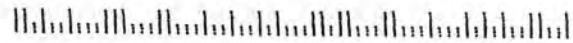
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Portland, OR 97204-2342

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BEAVERTON, OR 97008



97008-5300 25



We hope to see you at the



1998 PRODUCTS FAIR



the PREDICATOR

YOU ARE CORDIALLY
INVITED TO A
GRADUATION PARTY



It is that time of the year when a select group of CSI officers join the ranks of our elite Alumni and what better place to celebrate than the newly renovated Kennedy School.

Located at NE 33rd Avenue, the Kennedy School first began holding classes in the fall of 1915. The school's single story plan was an innovation and reflected concern for safety and growth issues. The landmark design was the creation of Floyd A. Naramore, Portland's School District architect. Besides being an excellent school for Portland's neighborhood children, the school served many community activities.

- They grew a victory garden on the school's back lot for the war effort
- Feature movies were shown on Friday nights (1920's)
- It was a center for war-time newspaper and tin can drives (1941-1945)
- It was an emergency relief shelter for victims of the Vanport flood (1948)

The school closed its doors as an elementary school in June 1975. Between 1981 and 1994, a battle was waged to prevent the school's demolition. In 1994, McMenamins agreed to undertake renovation of the school. The architect chosen for this renovation was Leon Hamblin of Hamblin Hattan Architects, and the contracting company was Pacific Crest Construction.

5-6pm	Guided tours (every 15 minutes)
5-7pm	No-host cocktail social
7-8pm	A wonderful Angente's Pasta Buffet will be served Cheese Garlic Bread, Antipasti, Caesar Salad, Cannelloni, Chicken Ravioli and Pepper Crusted Carved Roast Beef Desert Tray, Coffee and Tea
8-9pm	Diplomas (awards) presented
9:30pm	Movie begins (movie passes will be provided by CSI)

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VOLUME 37, No. 11

Portland Chapter CSI
Monthly Newsletter



Advancement
of Construction
Technology

Friday, June 12th
Kennedy School • 5736 NE 33rd • Portland • 249-3983
See back page for reservation information.

PRESIDENT'S MESSAGE by Rick Heiserman, CSI, CDT, AIA

On behalf of the entire Chapter, thanks to everyone who was involved with the Products Fair. I think this year's fair was the most successful one we have had, both in terms of the number and types of exhibitors, those who attended, and the planning. This event truly allows all the members of the construction industry to come together literally at one time to discuss their expertise. Combining with AIA and the Spring Lecture Series with Arthur Erickson as the last segment of the Fair was extra special.

A special thanks to Cherie McNabb who has been the Chair of the Products Fair for three years. The success of the Fair is a direct result of the enormous number of hours she put forth in preparation. We are fortunate to have her planning the 1999 Fair. To the exhibitors,

we thank you for participating. The booth sales are a major source of income to the Chapter. To the attendees, without you there is no Fair. We thank you for your participation.

The Chapter has committed to establishing a web site. At the moment we have secured an address, www.portlandcsi.org, which we are planning to have operational sometime this summer. A number of Chapters have developed web sites and have a variety of information provided through this process. I can foresee that someday all information the Chapter develops may come through the internet. As we begin planning the web site, if there are issues you feel strongly should be included or not included, let me know.

June is awards month and our meeting will be at the Kennedy School in NE Portland. Please plan to attend and celebrate the Chapter's success for the year.



For August, we are planning a special Chapter meeting. Tri-Met is allowing us to use the West Side Light Rail as a tour. We are planning tour stops similar to our building tours, and dinner on the train. The date has not been finalized, but we will let you know as soon as it determined. We will be limited as to the number of people who may attend this tour. If you are interested in attending, plan to register early. ■

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 submitted in 3.5" diskettes in Word

for IBM or MAC or E-Mail to kms@pacifier.com. 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.

Place your Insert in The Predator!

Member Price: \$ 450

For more information contact the Editor. (Non-Members contact the Membership Committee.)

Inserts must be 8 1/2" x 11" flat single sheet (can be printed on both sides.) Other variations must be approved by the Editor.

THE PREDICATOR STAFF

Publication Committee

Inge Carstanjen
Rick Heiserman
Lee Kilbourn
Dale Kuykendall
Dianne Kuykendall
Margie Largent
Jody Moore
Ellen Onstad

Editor

Dianne Kuykendall,
Kuykendall Marketing Services

Printer

Echo Printing

BS BY Ks

BASIC SPECS

by Ken Searl, FCSI, CCS

I had an interesting day recently. At 7:15 a.m., I received a fax from the Department of Community Punishment (That title sure sounds scary), Office of Adult Probation in Batesville, Arkansas. It was addressed to a person named Ben regarding a man who had worked off \$50.00 in fees in April 1998. I called them, and they said, good grief my fax number was the same number, but their area code is 870, and how 870 got changed to 503 remains a mystery. No doubt, they never heard of Gremlins or Murphy being responsible.

At the Northwest Region CSI Leadership Conference held in Renton, Washington this April, a CSI member told me that it was her understanding that Region Conferences were required to be held at a resort-type location which included the city where their chapter is located. No Virginia, this is not a written or oral requirement by the Region. As the telephone

operator states (recorded voice, no doubt) when you call a number and it has been changed, you are told "Please make a note of this."

I discovered at this meeting that one chapter did not have an Operations Guide. I am assisting this chapter in establishing and preparing an Operations Guide. If any other chapter doesn't have a working Operations Guide, let me know, I will be glad to assist you.

Northwest Region has prepared a Fiscal 1998-1999 Chapter Presidents and Chapter Newsletter Editors Roster. It primarily goes to Chapter Presidents and Chapter Newsletter Editors plus Region Directors and several other persons. If you would like a copy of this issue, contact me at Tel/Fax 503-362-3472 and I will mail or fax a copy to you as requested.

I have been working with a committee and our Technical Round Table group at the Leadership Conference in Renton to come up with a suggested Supplementary Conditions (Private Projects) to AIA 201 1997 General

Conditions. The finished product should be completed within 30 days and will then be available for distribution upon request. If you are interested in obtaining a copy, let me know. If any of you have some suggestions, please forward them to me.

It doesn't seem possible that this is my 225th BS Column written to date. At approximately 500 words per column that means over one million words are floating around out there (I am not sure floating is a good choice of words). Now, I don't want to hear you have put up with BS for 225 issues.

As you know I slip in a short saying now and again. Well, most of them I thought were at least a bit humorous. I found one recently which takes the corn ball award. It states ... "Tis better to have loved a short girl than never to have loved a tall.

P.S. We also have Northwest Region Plan Center List for distribution plus Northwest Region Substitution Request (on disk WP & WO) with information and form. If you would like a copy of either one, let me know. ■

PRIVATELY FUNDED LIGHT RAIL TO AIRPORT

by Ellen Onstad, CSI, CDT

The project to extend light rail to the airport is much more than just moving passengers. This project will bring a new feeling to an existing underdeveloped area. We heard Mr. Ralph Stanley present Bechtel's idea to bring office buildings, retail, entertainment, sports, hotel, conference/convention space, transit improvements and open areas similar to the park blocks in downtown Portland. These areas would encourage foot and customer traffic to an area which is now farmland or warehouse and manufacturing facilities. Bechtel will use a cost

sharing approach with the private sector helping to fund this light rail project. There are approximately 120 acres in the PDX International Center. Bechtel would get a 99-year lease on this property.

So far, the City of Portland, the Port of Portland and the Portland Development Commission have signed a Memo of Understanding with preliminary terms of real estate and a planned unit of development.

The positive aspects of this are very clear. The money that comes from the federal government will not support the commercial development associated with this project and would not take money away from the north-south light rail line. In fact, it may show

other cities and states that the public/private partnership would be beneficial to use in the future. Also, it was mentioned that the 10,000th employee badge was printed for the airport, and while the parking structure will be wonderful when it is done, we need to keep looking forward to a time that we can also use light rail to get out to the airport.

Some preliminary work would also include road improvements and highway improvements including a new interchange, which can be started as soon as the funding comes through. Other parts of the development will have to wait for more community support. I believe Bechtel has scheduled a pretty ambitious program of building for the next 15 years. ■

June 1998

EDUCATION & TECHNICAL

Portland Chapter CSI Events

- June 8 PRSG Lunch Meeting (This meeting at Construction Products NW,
10700 SW Beaverton/Hillsdale Hwy, Bldg. 3, Conference Room)
- June 12 Chapter Awards Banquet 297-2162**
- June 19 Chapter Golf Tournament 452-8550**
- June 11 SSG Lunch Meeting (2 LU's/HSW)
- June 24-28 CSI National Convention, Baltimore, Maryland (800) 689-2900
- July 31 Chapter summer planning session (503) 223-1181

Future CSI Events

Region Conference, Salishan, hosted by Portland Chapter, September 10-13, 1998

Seminars Under Consideration

TBA Special Inspection

Other Events:

AIA Region Conference, August 19-23 (907) 277-8761

ABBREVIATIONS & CONTACTS

- LU's AIA Learning Units available
HSW Health, Safety & Welfare credits
PRSG Product Rep Share Group — Mike Beeson 684-3187, (meets 12-1pm, C.A. Newell, 3002 N. Wygant)
SSG Specifiers Share Group — Bob Easton 245-7100, (meets 12-1pm, ZGF, 320 SW Oak, 5th Fl.)

The Portland Chapter of CSI has committed itself to increased education opportunities. If you have a function that you would like listed contact the Editor of The Predicator, Dianne Kuykendall (503) 631-3782 or Education Chair Tim Cockburn (503) 666-5544. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape (503) 243-2837.

R. "Dick" Gira, CSI, CDT
 15036 W. Yosemite Dr. • Sun City West, Az. 85375 • (602)214-2324

Dianne Kuykendall, CSI
 Editor, The Predictor
 315 SW 4th Avenue
 Portland, Oregon 97204-2342

Dear Editor,

I would like to comment on Ken Searl's Safety Tip article in the April Predictor. Let me start by giving a definition of the word *limit*, as in *speed limit* that one would see on a highway sign. To quote from my Microsoft Encarta 97 Encyclopedia Dictionary, *limit* means "The point beyond which something cannot or may not proceed." End of debate?

If the highway sign says "Speed Limit 65" and a car goes faster than 65mph, then that car is being driven by someone making his/her own rules. A driver going faster than the posted speed limit (according to what words mean), obviously has a state of mind or feeling that he or she is above and beyond the rules. This kind of attitude can lead to negative consequences.

If the driver in Ken's article resorted to ramming the car ahead of him, then that driver probably needs a serious attitude adjustment and needs to realize that his/her obligation to obey the law is not only compulsory but also legally binding. In the very least, he/she needs to adjust their schedule so that there would be no reason to exceed the speed *limit*.

We strive to be precise in our language when writing specifications, we strive to make certain that specified materials are used when we build and we strive to obey all the building rules and regulations for the protection of inhabitants, why then do we deviate from the requirements needed to drive within *compulsory limits*?

I have often wondered about the people who design highway signs—they are partly responsible for these speed limit debates. I believe they would benefit by being a member of CSI and thereby being exposed to precise use of language! In the very least, they could add the words on speed limit signs that say "THIS MEANS YOU!"

Sincerely,



R. "Dick" Gira
 (Retired Member, Portland Chapter CSI)

THE REAL WORLD by Ed Loy, CSI, CDT



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Be a sponsor of the CSI Portland Chapter and your ad can be seen here too. For more information call Rick Heiserman at 223-1181.

— Dinner Meeting Table Top Displays —

If you are interested in promoting your product at a dinner meeting, you may do so with a table top display for \$100. (Limit 2 per dinner) Call Inge Carstanjen at 297-2162.



JIM HANSET

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 (Integrated Doors & Hardware)

INSTITUTE NEWS Certification Exams

CSI will offer its certification examinations June 24, 1998, as a preconvention activity to CSI's 42nd Annual Convention and Exhibit at the Baltimore Convention Center. These examinations are open to all who understand the importance of construction documents and the roles of key personnel in the construction process and who meet the necessary testing requirements. Applicants do not have to be members of CSI to participate in certification.

The CSI Certification Programs recognize expertise in four areas:

- Construction Documents Technology Program (CDT)
- Certified Construction Specifier Program (CCS)
- Certified Construction Product Representative Program (CCPR)
- Certified Construction Contract Administrator Program (CCCA)

The schedule for the examinations is as follows:

9 a.m. - 11 a.m. — CDT

1 p.m. - 5 p.m. — CCS, CCPR, and CCCA

Contact CSI's Member/Customer Service Center for further details, (800) 689-2900.



BALTIMORE

CSI
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June 25-27, 1998

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Advancement
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1998 CSI GOLF TOURNAMENT
JUNE 19, 1998
1:00pm SHOTGUN START

Three Rivers Golf Course
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We have spots for up to 144 golfers or should we say "had" 144 spots because they are going fast. Sign up as soon as possible to join us for what we know will be our best Tournament yet. Don't miss out on this great opportunity for FUN!

ENTRY FEE: \$60 per player (Covers — Green Fees, Cart, Box Lunch, Tee Prizes)



SCHEDULE:

11:00am - 12:00pm — Tournament Sign-in
1:00pm — Shotgun Start
Golf awards will follow the tournament.



Please help sponsor this year's tournament with a:
Hole Sponsorship for \$250
Men's/Women's Long Drive or Men's/Women's KP (each) \$150

Prepayment Required To Play

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Business _____ Phone _____ Fax _____

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of Players _____ Hole Sponsorship _____ Long Drive _____ KP _____

Total Payment _____ Payment Method? Check • Visa • MasterCard
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Make check payable to CSI and mail to:
CSI 9578 SW Morrison St. • Portland, OR 97225
If you have any questions, please call Jim Rother phone 503-452-8550 fax 503-293-0134



1998 CSI NORTHWEST REGION CONFERENCE

Salishan Resort, Gleneden Beach, Oregon
September 10-13, 1998



The theme for the 1998 CSI NW conference is TEAM BUILDING. There will be a full day professional development program on Friday, presented by Outward Bound. Saturday's activities will focus on CSI; with the Region Forum, Round Tables, presentations by Institute representatives, and culminating in the Awards Banquet.



GENERAL INFORMATION

The conference will be held at the 5-star Salishan Resort on the Oregon Coast. The resort is exceptional in every way: location, ambience, furnishings, dining room, golf and recreation facilities. We have negotiated special room rates for this conference. Even the standard rooms have fireplaces, armoire, desks and easy chairs. The rates are: Guestroom \$135.00, Chieftain Junior Suite \$155.00, Siletz Bay Suite \$195.00. September is a very popular time on the Oregon coast, and we must release our room blocks by August 1, 1998.

Make your reservations for lodging directly with the Salishan Lodge, 1-800-452-2300, by August 1, 1998. Mention the CSI Conference for the special rates. For alternate lodging, please contact the Lincoln City Visitor & Convention Bureau at 541-944-8378.

Fall weather on the Oregon Coast can be magnificent, sunny and warm, cool and drizzly, or all of the above! Friday's Professional Development Program will be an all day, outdoor activity, so plan accordingly.



PROGRAM HIGHLIGHTS

This Region conference promises to be like no other. The primary element of the Team Building theme is the rewarding Professional Development Program, beginning with the reception Thursday evening, and continuing all day Friday. This is designed as a stand-alone element of the conference, and can be registered for separately. It is designed to help individuals, companies, and associations, develop problem solving skills that enable a diverse group of participants to work more effectively, and creatively, together. The program consists of problem solving exercises that require teams of eight to twelve participants to be supportive and work together effectively and creatively. Success turns on how the group analyses each problem, identifies and allocates resources, and creates and executes a plan. Each exercise is followed by a time for analysis and review. Participants will leave with fresh perspectives on themselves as team players and leaders, and with concrete ideas about applying these insights to their careers.

- The Coordinating Council meeting is to discuss Region business, with designated delegates from each Chapter. Interested attendees are welcome, but are not required to attend.
- The Region Forum is the opportunity for all CSI Conference attendees to gather and discuss issues affecting the Region.
- The Round Tables promise to be more organized than in the past, and will present an opportunity for CSI members to share ideas along specific topic lines. These Round Tables present the opportunity for interaction between the chapters of our Region, to share ideas, and help other individuals and Chapters with suggestions.
- We will have two guests from the Institute, Bob Molseed, past president and a staff member, who will discuss how the Region provides the team building structure between the Chapters and the Institute.
- The Spouse/Guest tour, on Friday, will travel on a touring bus to the Factory Outlet stores, the Oregon Coast Aquarium and the Yaquina Head Lighthouse Interpretive Center.
- Sunday Mornings Taste of Coast Tour will feature a little sampling of what makes the Oregon Coast unique. Lape's bus will run continuously, starting from the Salishan Lodge portecocere'. The stops will include the Mossy Creek Pottery shop, the Alder House glass blowing geodesic dome, and the Salishan Marketplace.

Full conference participants will gain 24 AIA CEU's

For additional info call John Lape at 503-243-2837, or Inge Carstanjen at 503-297-2162

Fax 503-297-3183. For sponsorship call Rick Heiserman at 503-223-1181



1998 CSI NORTHWEST REGION CONFERENCE

Salishan Resort, Gleneden Beach, Oregon
September 10-13, 1998





1998 CSI NORTHWEST REGION CONFERENCE

Salishan Resort, Gleneden Beach, Oregon
September 10-13, 1998



Conference Schedule

(included in \$225.00 registration fee)



Activities are held, or start, in the Long House, except Friday evening's dinner. Spouse / guests are welcome, no charge, at each evenings reception and hospitality suites.

Thursday, September 10, 1998

(casual dress)

- 3:00-9:00pm Registration
- 6:30-9:00pm Opening reception

Friday, September 11, 1998

(casual dress)

- 8:00-9:00 am Registration
- 8:00-9:00 am Continental breakfast
- Opening of Professional Development Program
- 9:00-4:00 pm Professional Development Program on team building skills (includes breaks and lunch)
- 6:30 pm BBQ dinner on terrace, by Long House
- 8:30-10:30 pm Hospitality suite

Saturday, September 12, 1998

(business casual dress)

- 7:30-8:00 am Registration
- Continental breakfast
- 8:00-9:45 am Coordinating Council
- 9:45-10:00 am Break
- 10:00-11:15 am Round Tables: Planning, Technical, Membership
- 11:15-12:15 pm Region Forum
- 12:15-1:15 pm Lunch
- 1:15-1:30 pm Break
- 1:30-3:00 pm Institute presentations
- 3:00-3:15 pm Break
- 3:15-4:45 pm Round Tables: Education, Publications, Chapter finances
- 4:45-5:00 pm Break
- 6:00-7:00 pm Social hour (business attire for dinner)
- 7:00-9:30 pm Awards Banquet
- 9:30-11:00 pm Hospitality suite

Sunday, September 13, 1998

(casual dress)

- 8:00-9:00 am Continental breakfast
- 9:00-11:00 am Taste of coast tour, spouse/guest welcome

REGISTRATION INFORMATION

For additional info call John Lape at 503-243-2837, or Inge Carstanjen at 503-297-2162, Fax 503-297-3183.
For sponsorship call Rick Heiserman at 503-223-1181

Self Spouse /Guest

- Full Registration \$225.00
- Full Reg. w/ Prof. Dev. \$225.00
- Full Reg. w/ tour \$160.00

Optional Events: (* = included in conference registration)

- Golf tournament (Thursday) \$80.00
- Professional Develop. Program \$175.00
- BBQ dinner \$30.00
- Spouse/Guest tour \$60.00
- Awards banquet \$35.00
- Vegetarian

TOTAL Enclosed: \$ _____

Name: _____

Spouse/Guest: _____

Company: _____

Phone: (____) _____ Fax: (____) _____

Address: _____

City: _____ State: _____ Zip: _____

CSI Chapter: _____ AIA #: _____

METHOD OF PAYMENT: Check • Visa • Mastercard Card #: _____ Expires: _____

Cardholders Name: _____ Signature: _____

Fax completed registration to (503) 297-3183 or Mail checks to: 9578 SW Morrison St. Portland, OR 97225



1998 PRODUCTS FAIR



The 1998 Products Fair was a tremendous success. The Products Fair committee was very happy to be able to present some terrific prizes to some of our patrons.

The first big winner was Jim Wilson from SRG Partnership who won the trip to Skamania Lodge (this is a weekend get-away for two to Skamania Lodge in the Columbia River Gorge).

Our next big winner was Anita Parker from SERA Architects who won the trip to Salishan Lodge (this is a weekend getaway for two to Salishan Lodge, Gleneden Beach, OR).

Another lucky winner was Stan Smith, the principal architect of Stan Smith Associates (Architectural Firm). Stan received a CSI membership donated by Hanset Stainless. Welcome to the Portland Chapter, Stan!



Cindy Mahaffey, Anita Parker and Cherie McNabb

Rodda Paint was the winner of a free booth to the 1999 CSI/IIDA/AIA Products Fair.

Congratulations to all of the lucky winners!

Thanks a million to all of the Vendors for a great Products Fair! And, thanks to all of the people who attended the Fair. See you again at next year's Products Fair!



Cindy Mahaffey, Jim Wilson and Cherie McNabb



THE DESIGN-BUILD TEAM AND THE FORGOTTEN PLAYER

by **Ralph C. Robinson, CSI, Member Emeritus**

Design-build has descended upon first tier suppliers with all four feet, claws extended. The following comments apply equally to GC/CM projects. As the design-build method of contracting is currently being implemented the owner/architect/contractor team typically excludes suppliers, except for preliminary budgeting, until after many crucial decisions are made. In the quest to reduce initial design time, design of components and systems is minimal. The consequent supplier design time required to even supply an intelligent budget is seldom recognized.

This lack of interest in, or concern for supplier input has many consequences, some of which may be unintended. Let me list a few examples from my experience with supply of architectural precast concrete:

A. Budget: We are often asked to prepare a budget based on design development drawings. At this stage of most projects two pricing assumptions are possible, optimistic and pessimistic. The optimist will base his price on the best of past experience, making the assumption that he will be consulted while the design is being completed, thereby making sure his material is properly used for maximum cost effectiveness. The pessimist will assume the worst, having had all too many cases of no contact between budgeting and being presented with bid documents containing a myriad of incomplete design decisions which make a reasonable price impossible. Experience has taught us to be pessimistic.

The pessimistic budget brings varied reactions, i.e.:

1. Our project is proceeding on a realistic, conservative path; let's work together to see if we can find ways to meet our budget.
2. Your price is way out of line. We will use some other material.
3. We will put this out to bid and hope another supplier gives us a lower price.

We believe reaction #1 is the correct one, although time constraint by the owner prevents its use in too many cases. It seems to us that this is what design-build is supposed to accomplish; work as a team to bring the best materials and methods into the construction process before the design is frozen. Too often we see ourselves in a lose/lose situation; our pessimistic bid may lose us any chance at the job while

the optimistic approach leaves us subject to criticism when the final price reflects incomplete design decisions we could have anticipated.

B. Schedule: Due to the fast-tracking promised by design-build we are asked to perform impossible feats. As an example, consider a recent request to supply on a project where site excavation was complete, tower cranes in place and CIP concrete forms started. The contractor needed embeds for precast attachment before floor slabs could be cast. Before embeds could be supplied, we would need to design the panels, including reinforcing and embeds, verify the adequacy of the structure to support the panels, verify that joint sizes designed were adequate for structure movement, then draw shop drawings, submit for architect's check for conformance and contractor's approval for coordination. When approval was received, we could then proceed to order material and fabricate embeds; if embeds were to be galvanized add more time. Note that if this project was steel framed instead of CIP concrete, the steel would have been ordered before excavation was started, leaving an even bigger gap in timing.

To produce shop drawings all panels need to be designed, not just typicals, so the process usually takes at least four (4) weeks; we seldom see approval take less time than our production time, so another four (4) weeks, so the contractor will see his embeds in maybe ten (10) weeks from go.

In the specific case cited, we lost the job; the owner lost an opportunity to seek the most competitive and best qualified supplier because a reasonable timetable was not followed.

C. Coordination: In the quest for ever more compressed schedules, needed coordination is often neglected. Consider this example: Shop drawings have been submitted and returned "reviewed and accepted;" materials are ordered, embeds already produced and delivered and production forms are nearly complete, which means a time slot for production has been assigned. At this point, during the review process for window shop drawings, a conflict between window installation requirements and previously approved precast details is discovered. The contractor advises us that we cannot proceed with production until the conflict is resolved, but our delivery schedule is unchanged. This not only puts us behind the eight ball on delivery, but leaves us with non-productive production space, which also affects future projects planned for that space.

We believe the design-build process will succeed through timely consultation with major subcontractors and suppliers; when they are ignored the process and the players will suffer.

June 1998

**PORTLAND CHAPTER, CSI
BOARD OF DIRECTORS MEETING
April 7, 1998**

CALL TO ORDER: The meeting was called to order by President Rick Heiserman at 12:00p.m. at the AIA/CSI Conference Room.

QUORUM: Yes.

PRESENT: Rick Heiserman, Inge Carstanjen, Bob Easton, Cornelia Gibson, Chris Irwin, Igo Jürgens, Linda Joens, John Kehrl, Dale Kuykendall, Dennet Latham, Mike Watson.

ABSENT: None

ALSO PRESENT: Dianne Kuykendall.

1. MINUTES: March 3, 1998 Board Meeting minutes were approved as presented.

2. FINANCIAL REPORT:

A. Board reviewed the 98/99 Chapter budget. Revisions will be completed for next Board Meeting.

3. CORRESPONDENCE:

- A. A letter was received from the Institute granting Emeritus status for H. Curtis Finch.
- B. Institute Beta test for "Outstanding Chapter Commendation Award" was submitted by our Chapter.

4. EDUCATION/CERTIFICATION/PROGRAMS:

- A. Participation breakdown for the certification exam was as follows: CDT - 14 persons, CCCA - 3 persons, CCS - 1 person
- B. April's Dinner Meeting topic "Light Rail to the Airport" will be presented by Mr. Ralph Stanley of Bechtel Enterprises, Inc.

C. Awards Dinner is planned for Friday, June 12, 1998 at the Kennedy School. Space is limited to 100 persons.

D. An additional Chapter Meeting in August involves a ride on the West Side Light Rail and will include dinner. Sponsorships for this event are available.

E. First draft of the 98/99 directory is complete. Currently the Chapter has 478 members. Any updates and address changes need to be forwarded to Lee Kilbourn as soon as possible.

5. OLD BUSINESS:

A. 1998 Region Conference: Various sponsorship levels are available.

B. Chapter election results will be announced at the April Dinner Meeting.

6. NEW BUSINESS:

A. Summer Planning session is scheduled for Friday, July 31, 1998 at Marylhurst College.

B. Lee Kilbourn has been chosen to receive the Institute's Ben John Small Award.

7. COMMITTEE REPORTS:

A. Products Fair: As of this meeting only 20 booths are available.

B. Specifiers Share Group: A representative from "Forms and Surfaces" will be at the next meeting.

NEXT MEETING: May 12, 1998 at noon at the AIA/CSI Conference Room.

ADJOURNMENT: 12:50 p.m.

Respectfully Submitted,
Cornelia Gibson
Secretary

**PORTLAND CHAPTER
1997-1998
OFFICERS AND DIRECTORS**

President
Rick Heiserman, CDT 223-1181

President-Elect
Igo Jurgens, CSI 223-0992

Immediate Past-President
Dale Kuykendall, CCA 624-2090

Secretary
Cornelia Gibson, CSI 624-7444

Treasurer
Inge Carstanjen, CDT 297-2162

Exec Director
Inge Carstanjen, CDT 297-2162

Director, Professional 1996-1998
Dennet Latham, CCS 423-3998x21799

Director, Professional 1997-1999
Bob Easton, CCS 977-5269

Director, Industry 1996-1998
Linda Joens, CSI 297-2162

Director, Industry 1996-1998
John Kehrl, CSI 644-7102

Director, Industry 1997-1999
Mike Watson, CDT 239-8128

Director, Industry 1997-1999
Chris Irwin, CDT 650-0148

COMMITTEE LEADERS

Archives/Historian
Marge Largent, CSI 620-6573

Awards
Mike Watson, CDT 239-8128

By-Laws
Ken Searl, CCS 362-3472

Certification
Chris Irwin, CDT 650-0148

Editor
Dianne Kuykendall, CSI 631-3782

Education
Tim Cockburn, CCPR 666-5544

Finance
John Lape, CCS 243-2837

'98 Region Conference
John Lape, CCS 243-2837

Liaison
Igo Jurgens, CSI 223-0992

Library
Perky Kilbourn, CSI 222-5279

Membership
Lee Kilbourn, CCS 417-4400

Nominations
Rick Heiserman, CDT 223-1181

Orientation
Linda Joens, CSI 297-2162

Planning
Rick Heiserman, CDT 223-1181

Product Rep Share Group
Mike Beeson, CDT 684-3187

Products Fair
Cherie McNabb, CDT 360-573-7834

Programs
Phyllis Fritzie, CDT 203-9207

Publicity
Dianne Kuykendall, CSI 631-3782

Specifiers Share Group
Bob Easton, CCS 977-5269

Technical
Bob Easton, CCS 977-5269

Certification
Dennis Obert, CCS 203-693-9146

Planning
Ralph Robinson, CSI 425-868-1923

**INSTITUTE
DIRECTORS**

Dick Kissick, CCPR 253-759-3801
Dex-O-Tex Division
Crossfield Products Corp.
5249 N. 10th Street
Tacoma, WA 98406

John Lape, CCS 503-243-2837
Lape Architects
5410 SW Macadam, #270
Portland, OR 97201

**REGION
COMMITTEE LEADERS**

Archives/Historian
Marge Largent, CSI 503-620-6573

Awards
Mike Amsbury, CDT 509-483-6315

Education
Richard Floyd, CDT 206-241-9071

Membership
Karen Morris, CSI 208-343-3620

Publication
Dianne Kuykendall, CSI 503-631-3782

Technical
Carl Grundberg, CDT 907-272-8833

**NORTHWEST REGION
CHAPTER MEETINGS**

The contacts below are the program chairs or officers of various chapters.

Cook Inlet, Anchorage, AK
(Third Tuesday)
Frank Rast 907-522-1707

Puget Sound, Seattle, WA
(Second Thursday)
Relta Gray 206-382-3393

Mt. Rainier, Tacoma, WA
(Third Wednesday)
Glenda Kelly 206-383-1704

Spokane, WA
(Second Thursday)
Sherry Harbaugh 509-456-6525

Portland, OR
(Second Tuesday)
Inge Carstanjen 503-297-2162

Capital, Salem, OR
(Fourth Thursday)
Mark Burleson 503-390-0281

Willamette Valley, Eugene, OR
(Last Thursday)
James Wentworth 541-346-2288

Idaho, Boise, ID
(First Tuesday)
Karen Morris 208-345-3620

MEMBER NEWS

Welcome back to Bob Strang! Bob has rejoined the Portland Chapter after joining Kovach, Inc. as the Northwest Manager. Bob's responsibility will include promotion and sales of Kovach's specialty metals, roof and wall systems.

Bob can be reached at (425) 774-4228.

INTERPANE GLASS SCHOLARSHIP

Design professionals are encouraged to visit the Interpane booth at the CSI Convention in Baltimore to become eligible to win one of three \$4000 scholarships for their alma mater.

They may also register by visiting the Interpane web site at www.interpane.com.

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Payment Method? Check • Visa • MasterCard Vegetarian Dinner? Yes • No
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Amount _____ (Preregistration \$25 per person — Walk-in \$30 per person)

Cardholder Name _____

Cardholder Address _____

Card Number _____ Expires _____

Authorized Signature _____

Please make nametags for my guest(s) _____

**Credit Card Users
must fully complete
reservation form!**

Fax your reservation no later than June 9th.

• FAX (503) 297-3183 •

Checks may be mailed to: 9578 SW Morrison St. • Portland, OR 97225

If you have any questions, please call (503) 297-2162.