



Advancement of  
Construction Technology

# The Predicator

Portland Chapter - The Construction Specifications Institute

Vol. 33 No.1

September, 1992

## NEXT MEETING

### DATE

Tuesday  
September 15, 1992

### TIME

Tours - 5:30-7:30  
Dinner & Program 7:30-9:00 pm

### COST

\$18 per person  
Guests and Spouses are  
encouraged to attend

### LOCATION

New OMSI  
And  
Carousel Courtyard

### RSVP

Trasi Hogenhout At 274-0624  
By Noon On Monday  
September 14, 1992

## SEPTEMBER MEETING

### OMSI -- What's It All About?

Join CSI in our visit to the "Southern Jewel" of Portland's reclamation of the east bank of the Willamette River. Before all the distractions that make OMSI so exciting are installed in the building, take this opportunity to see, in its final stages of construction, the work of Zimmer Gunsul Frasca Partnership. This project has it all - none of the 16 Divisions are "Not Used" - there is everything from remediation of what was identified as "hazardous waste" to the most special "Special Construction" you've ever seen.

A tour of this new facility of the Oregon Museum of Science and Industry, located at 1945 SE Water Avenue, is scheduled to begin the year's programs for Portland Chapter CSI. Everybody is invited -- whether or not members of Portland Chapter. We'll see the transition between the old "Turbine Building" and the new construction. We'll see the brightly painted smokestack. We'll see the final preparations for occupancy.

The building team subcontractors and suppliers will have representatives at various locations in the building where their products have been installed.

This special tour will take place Tuesday, September 15th. Tours begin at 5:30; groups of 15 to 20 will depart until about 6:15; everybody must be finished by 7:30. Parking at OMSI will be within a designated area at the site.

After touring OMSI, we'll go to the Carousel Courtyard, between NE Holladay and NE Pacific, for Atwater's "Boxed" dinner and discussion with Larry Bruton, Partner-in-Charge from ZGF. "No-Host" beer, wine and soft drinks will be available. Parking near Carousel Courtyard is on Pacific Street and in Oregon Square parking lots (free after 5 pm).

Please let us know you're planning to attend by Monday, September 14, 1992, before 5 pm. We won't arrange for your guide and your dinner if you don't call - and we must bill you for your dinner if you don't show up or send a substitute. (We'll pair them up as best we can -- no promises!) This will be an exciting commencement to the year's programs. See you there.

**Portland Chapter  
CSI**

**WHAT'S  
INSIDE**

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- BS by KS, Page 3
- Board Minutes, Page 7/8



## Message From The President

**Jim Hirte, CDT, President**



Wow, what a busy summer!! The National Convention in Atlanta, a contractor meeting in Las Vegas, a week of vacation, a family reunion, work, work, work, work, and throw in a few golf tournaments and summer is gone. A very enjoyable summer it has been, if only we could get some work. It has been a tough summer for the company. Not that we haven't tried, though!

Another great National Convention. Atlanta and southern hospitality made for an interesting and exciting time. The Portland Chapter was well represented again! Margie Largent, Mary Alice Hutchins, Linda Bowman, John Lape, Lee Kilbourn, Les Seeley, as well as myself, were taking in the sights. I know I have said it before, but the exhibits by themselves are worth the trip. Mark next year's calendar for Houston, Texas in late June. If you can't make that, then the 1994 convention is in San Francisco, a driveable distance.

We are off and running for the '92-'93 year. Jody Moore's Program Committee is charged up and has all the fall programs lined up and a great start on winter and spring. Gordon VanAntwerp has volunteered to chair the Products Fair Committee again. Jim Wilson is heading up a very active Technical Documents Committee. Lee Kilbourn is continuing as "Mr. Membership" and has lined up quite a bit of help. There is a lot to do and plenty of room for everyone to become involved. Please give me a call and let me know where your interests lie -- we could sure use the help!

*Portland Chapter CSI is a national leader for new membership.*

## GOLF GOLF GOLF

Two golf tournaments are coming right up. SEAO Golf Tournament will be held at the Old Salem Golf Course on River Road in Salem, Friday afternoon, September 11th. Plan on an afternoon of fun, drinks and prizes. Contact Steve Lee of CH2M Hill, P.O. Box 428, Corvallis, 97330.

AIA and CSI members are invited to participate in the annual golf tournament to be held at Eastmoreland Golf Course, Friday, September 25th. Tee times will be between 10:30 am and 12:15 pm with prize presentation ending around 5:45 pm. The 1992 format will be a TEAM BEST BALL event. Make up your own team. Those who don't have a team will be paired up with other independents who want to play. 1st prize is a cast bronze trophy that you can proudly display for a year. Team prizes will include cash and balls, with other prizes being KP's, Long Drives, and door prizes from donations. Reservations are required. Prepayment of \$20 per player for greens fee and prizes. No host food and drinks. Mail reservations (checks made out to Ken) to: Ken Hattan, 1122 NE 122nd, Suite B111, Portland, 97230, or phone 257-7332

## INTERNATIONAL GOLF

There are many golfers in CSI. Perhaps some have the means necessary to play courses outside the United States. One course in Northern Europe is unique in the sense that it is truly an international golf course. According to the June 1992 issue of Reader's Digest the new Green Zone Golf Course in Tornio, Finland, and Haparanda, Sweden, is ideal for any golfer in search of unique playing conditions. Located some 50 miles south of the Arctic Circle, this northern outpost of the game straddles the border between Sweden and Finland. It enjoys constant daylight in summer months, making 24-hour golf possible. But play can take on strange chronological proportions. Finland and Sweden are in different time zones, and a modest 15-foot putt from the Finnish to the Swedish side of the sixth green will technically roll backward in time. For non-Scandinavians, the experience is made even more unusual by the requirement that golfers carry a "borderline passport" with them at all times as they hook and slice back and forth across the international border.

Andy Olson, CCS



## BS BY KS

### Basic Specs by Ken Searl



### Expose Yourself to Specs!

*Searl for the prosecution!*

By refusing to hear appeals in the Whitten vs Paddock case, the United States Supreme Court upheld the right of designers and specifiers to specify a particular product, even when competing products claim they are equal. This decision also upholds the lower court's ruling that specifying a particular product does not violate anti-trust statutes.

*All things being unequal...*

It is noted that few brands of materials or equipment are truly alike. When a specifier makes an informed decision on products that meet client's best needs, the specifier may specify one product only if it is felt that it is the best item for a particular installation.

*Location, Location, Location.*

When it comes to approving a substitution, if a substitution is allowed, the specifier is clearly responsible for determining if a proposed substitution is truly as good as specified. The burden is on the non-specified supplier to convince the specifier that product is suitable for a particular project.

*The burden and the pressure.*

There is definitely much more to approving a substitution request than just whether a product is equal or suitable including the track record of said product. Also what kind of factory representation is available in your locality. What happens when a service call is needed at once? I don't care how good a product or system is, if you can't get good service then don't approve the rascal.

*Just say No or Equal.*

Be very careful in accepting substitute items. Many times the only reason a substitute is offered is because

it is cheaper and usually not as good as the one you specified. If there is any doubt in your mind, just say no and then research items when you have more time for possible inclusion in a future project.

Personally, I would be happy to never see the words "Or Equal" used in specifications. Accepting so-called "Or Equal" products if accepted without careful consideration can result in failures, increased maintenance, replacement and a whole lot of headaches and lost time. A knowledge of manufacturing makes one aware that there is no such concept as "Or Equal" when comparing products. In my opinion one should never use the words "Or Equal", "Or Approved Equal" in specifications. The words "Or Approved" could be used but that is not necessary if the specification contains a substitutions paragraph or clause. A substitution request form as suggested and a sample shown in the CSI's Manual of Practice can be included in the project manual. If you are not using this method, please give it some consideration. I will be glad to send you information and forms upon request.

One last item: Some owners insist on no substitutions during bidding, but allow substitutions after contract award. I haven't figured out why they want to use this method. It has one glaring fault (apparently it doesn't glare at said owners as yet) and that is contractors have stated to me that they bid the project with their selected substitutions. If they didn't do it this way they would never get the contract award. This method can result in getting the owner cheaper products but in some cases products that just won't do the intended job.

It is noted that the design professional is also under pressure to decide a substitution after the fact and negotiate with a contractor with a strong financial commitment to the proposed substitution.

My obvious question to the above is why use this method?

Ken Searl, FCSI, WEGROUP Architects & Planners



## AT THE NATIONAL CONVENTION

Report from Margie Largent

*Margie signs on and off for SCIP.*

Your Chapter Executive attended the "international" and CSI Leadership Educational Programs:

*Jim Adkins' driving takes a conventional turn.*

"**A Single Market for European Building**" - describing the unifying of building specifications, codes and language into the 1992 Standards of the European community.

"**Metrication**" - ready or not (what can I tell you?)

"**CSI's International Activity**" re: marketing CSI and its services abroad. By 1993, we will have more members, more products shows, more educational programs, more association involvement (i.e., ACI) more international conferences and translation of CSI material into other languages (authorized?).

*Portland, lead by forward Lee Kilbourn, ties Minnesota! (It aint the 'Blazers and the 'Wolves.*

"**ISO - 9000**" will be the new construction code. Did you know the CHUNNEL (English Tunnel) is the biggest project in the world?

"**Masterformat**" - continued evolution.

"**CSI Membership in the 90's**" - ideas for getting and keeping members.

"**CSI Leadership**" - a challenge for the 90's.

*The answer is: Salem, Oregon; Tacoma, WA; and Juarez, Mexico.*

**Lee Kilbourn** and the Portland Chapter were tied with Minneapolis for most new members, and our NW Regions' Capital Chapter new member number was mentioned at the Awards Ceremony (6/26/92).

The Region Caucus (6/27/92) was attended by **Les Seeley**, Senior Director, and most of the other Portland delegates.

Attending the Annual Meeting (6/28/92), were delegates **Margie Largent**, **Mary Hutchins** and **Linda Bowman**. Other delegates to the convention were: **Jim Hirte**, Chair; **John Lape**; **Lee Kilbourn**, **Les Seeley**. There was no business to be conducted - however, a Northwest Region Booth (Weyerhaeuser) won the Best of Show Award and a Northwest Region member, **Jim Adkins**, won the car, a Ford Explorer 4D XLT 4x4. Congrats Jim! Jim was the standby winner.

**Robert Fritch** of Willamette Valley Chapter let the Institute know that two new chapters formed in the northwest last year were virtually ignored by the Institute - while the new Juarez, Mexico chapter was (and rightly so) acknowledged at the President's Banquet and Reception (6/27/92).

**SCIP ... SPECIFICATIONS CONSULTANTS IN INDEPENDENT PRACTICE** - "Architects don't do words!" commented John Begener, CCS, CSI of Orange County, CA chapter, "except maybe where's the on-off switch?" At least that's the way it is in "La-La Land" (Orange County, CA). This got a good laugh from the +40 members and we four guests of SCIP (6/25/92) at the Atlanta Hyatt-Regency (that's Portman's #1 atrium hotel). It also lead into discussions of: Spec writers checking as well as studying architects' graphic documents (is there an extended service here?); Preparing specifications from: (1) sketches of a (real example) renowned architect, through (2) further directions from a design-build contractor (in which case GMP means guaranteed maximum price); SCIP members also discussed the problems of specifying for (1) the owner-contractor, (2) the merchant-builder (owner-builder-seller), (3) the design-build team, (4) partnering, and (5) SCIP services provided promotional material. These SCIP meetings usually precede the National CSI Convention. I have attended at least one other meeting which I enjoyed, but I am not eligible for membership. I'm one of those architects who don't do words!



**CSI PORTLAND  
1992-1993  
CALENDAR**

**9/11**                    **SEAO Golf Tournament**  
**Friday**                Old Salem Golf Course  
                              Contact Steve Lee, CH2M Hill

**9/15**                    **CSI Dinner Meeting**  
**Tuesday**              OMSI Tour

\*\*\*\*\*  
**9/25**                    **CSI Golf Tournament**  
**Friday**                Contact Ken Hattan  
                              257-7332  
\*\*\*\*\*

**10/13**                  **CSI Dinner Meeting**  
**Tuesday**              Oregon Natural Resources

**11/10**                  **CSI Dinner Meeting**  
**Tuesday**              ICBO

**12/8**                    **CSI Dinner Meeting**  
**Tuesday**              Winter Program

***NEW CSI/AIA OFFICE  
ADDRESS:***

***315 SW 4TH AVENUE***

AS OF 9/1/92

**In Memoriam**

**Bruce Barton Bader, AIA, CSI**

Bruce Barton Bader of Lake Oswego, a Portland area architect, died of a heart attack while golfing at the Tualatin Country Club. He was 66.

He was born August 21, 1925 in Fremont, Nebraska. He served in the U.S. Navy during WWII. He was a partner in a Los Angeles architectural firm - Morgridge, Bader & Coughlan, where he worked for 25 years. He moved to the Portland area in 1978. Mr. Bader then was associated with Christopher & Moreland until his retirement in 1987.

He was a member emeritus of the American Institute of Architects and also was a member of the Construction Specification Institute, joining CSI in 1960.

He is survived by his wife of 47 years, Edna Mae; daughters Lynda of Tigard and Barbra of Portland; son Craig of Sheridan; sister Phyllis Trotter, and brother, Hugh, both of California.

The family suggests remembrances be contributions to the Oregon Trail chapter of the American Red Cross or to a favorite charity.



**PORTLAND CHAPTER CSI  
BOARD OF DIRECTORS  
MINUTES OF 5/5/92  
MEETING**

*Stationery for the  
move.*

The meeting was called to order by President-Elect John Lape at 12:01 pm at the AIA/CSI office.

*Thank you  
NAWIC.*

**PRESENT:** Bowman, Heiserman, Josi, Jurgens,  
Kuykendall, Lape, Largent, Obert,  
Tevet, Thompson

**ABSENT:** Hirte, Totten

**ALSO PRESENT:** Corwin Hymes, Gunnar Forland

**Discussion**

**1. Approval of Minutes**

1. Minutes of the April 7, 1992 Board of Directors meeting were distributed and read. The following corrections were noted:
  - a. John Lape was present; and
  - b. item 3.3 Local bylaws revise to Chapter bylaws.

**2. Treasurer's Report**

1. Current amount in the Chapter's savings and checking accounts was noted. A report was submitted to each board member. Some accounting still needed to be completed from the Products Fair and would reduce the current balance.

**3. Correspondence Reports**

1. Linda Bowman asked whether the recent changes in the Chapter bylaws have been sent to Institute? John Lape will investigate.

**4. Business Items**

1. **Old Business:**
  - a. The lease proposal with AIA for space in their new office space was believed to have been passed by their board. John Lape will check with Sandra Wark and report back to the Board. The new address is 315 SW Fourth, zip code is 97204. It is anticipated that the office

move will be before 9/1/92.

b. Attendance at the Products Fair was good particularly from opening time up to 3 pm. It was felt that most vendors considered the Fair a success. Parking seemed to be a problem which was a result of other conventions going at the hotel at the same time. Awards were given to the vendors who had contributed to the Fair for the last ten years. John will mention those organizations at the May Chapter meeting.

c. Linda Bowman to date has received four Committee Guideline reports. Board members were again encouraged to complete these reports.

**2. New Business:**

- a. The Chapter will pay for the registration for any member who attends the national convention. Lee Kilbourn has delegate voting cards for those attendees.
- b. It was felt that the Northwest Leadership Conference had a major emphasis in Region business and little new information on leadership.
- c. The Chapter in the past has given special recognition to Gordon VanAntwerp for his efforts with the Products Fair. A motion was made by Roy Josi and seconded by Igo Jurgens to give Gordon and his wife a gift certificate for \$250. It was felt that this recognition should be given to Gordon at the June awards meeting.
- d. New Chapter stationery must be purchased as a result of the office change. The last purchase of stationery was made at Kopy Kats. Rick Heiserman will obtain a quote for Board consideration.
- e. It was felt that an award should be given to NAWIC National Association of Women in Construction for doing the registration at the Products Fair. Linda Bowman will discuss this with John Kehrl.

*CSI  
315 SW 4th  
Portland, OR  
97204*

*Thank You  
Gordon  
VanAntwerp*



*Product Representative Share Group anticipated this year.*

*Symposium Symposia*

*Perhaps a chance to advertise in Membership Directory.*

*A mid summers national response.*

5. Committee Reports:
- a. Technical Documents - John Lape  
Chair: John Lape
    1. Continuing to meet with the City of Portland helping to develop procedural issues. It is anticipated that a document will be produced which includes all of the procedural issues and that it will be presented at the Multnomah County Library.
    2. Final draft of a SpecGuide on Radiation Shielding has been sent on to National for review. It was felt that a response would be made by mid-summer.
  - b. Finance - Isaac Tevet  
Chair: Isaac Tevet
    1. Isaac felt that there may be investments which the Board may wish to consider that pay a higher yield. Isaac will investigate and report back to the Board.
  - c. Share Group - Rick Heiserman (Contractors Share Group)  
Chair: Jody Moore
    1. Working on the May Chapter Meeting.
  - d. Share Group - Rick Heiserman (Specifiers)  
Chair: Paul Wilson  
No report. Programs should be planned for a portion of next year. It is anticipated that a product representative share group will be formed next year.
  - e. Education - Igo Jurgens  
Chair: Dennis Obert
    1. Did not meet last month.
    2. The last symposium will be May 19 at PCC. Next year there are six symposias planned and will be held at the new AIA/CSI office.
  - f. Products Fair - Linda Bowman  
Chair: Gordon VanAntwerp
    1. Discussed in Old Business.
    2. John Lape felt that it would be difficult to give an award for the best booth at the Fair. He will discuss this with Gordon
  - g. VanAntwerp.  
Publication/The Predicator - Bob Thompson  
Chair: Gunnar Forland
    1. The Predicator was out before the Products Fair, which helped to provide additional participation.
    2. Consideration for business card advertising in The Predicator has not generated much response. At this point it does not appear to be an option for additional revenue.
    3. Consideration will be given to provide advertising in the membership roster.
  - h. By-Laws - Bob Thompson  
Chair: Paul Wilson
    1. Paulhas asked to be relieved of this burden.
  - i. Awards - Ray Totten  
Chair: John Kehrli
    1. Twelve awards are being prepared. Additional recommendations will still be accepted.
  - j. Programs - Roy Josi  
Chair: Gene Andrews
    1. Planning programs for next year.
6. Next Meeting Date
1. Next meeting is scheduled for June 2, 1992.
  2. Meeting was adjourned at 1:02 pm.

Respectfully submitted,  
Richard Heiserman, Secretary



## THE GLOBAL ENVELOPE CSI NORTHWEST REGION CONFERENCE OCTOBER 2-3, 1992

*CSI Region Conference gets northern exposure, British flavor, Canadian hospitality and a global focus.*

Time to begin thinking seriously about whether or not you plan to attend the upcoming Region Conference which is going to be held in Victoria, Canada. With the location in beautiful, walkable Victoria, there will be no structured Spouse's Program. Instead, because the theme and topics are global and of interest to anyone concerned with our future, the Conference has been arranged to encourage spouses and guests to participate in all meals, programs, and social events for which they register.

Accommodations are with The Empress Hotel, on the Inner Harbor waterfront in the middle of downtown Victoria, which is a three minute walk from the ferry landing. A block of rooms has been reserved for Conference attendees at \$110/130 (Canadian) per night single/double occupancy; taxes additional. The Hotel, with its distinctive antique British flavor, is generally considered the centerpiece of Victoria, and is an experience in itself. Reservation request cards will be sent with your Registration Confirmation Package. For those desiring a different type of accommodation, Victoria has a number of close in facilities from which to choose. Empress phone number is (604)384-8111.

*Victoria is truly charming and getting there is an enchanting and scenic experience.*

Advertising opportunities abound; consider the Golf Tournament, Coffee Breaks, and Table-Top Displays as options for promotions and marketing.

*Global programs with universal appeal.*

Two tours are available. The "Early Bird Castle Tour" will be held Thursday afternoon from 5-7pm, and will include a guided tour of Craigdarroch Castle. For later arrivals, passes will be available to use at your convenience during normal hours. To help get a count, write "Craigdarroch" somewhere on your registration form. A "Brewery Tour" for the entire group on Friday night will take over Spinnaker's Brew Pub for an evening of prime rib, tiger prawns and dark rich beers, ales and stouts - served in English style. Tours of the on-site brewery will be conducted for those interested. The dining room overlooks Victoria's Inner Harbor and a delightful paved walk leads along the waterfront all the way back to the Empress (about a

30 minute walk, just to settle all that beef and brew). Lighter brews, non-alcoholic beverages and van transportation will be available for anyone not feeling so very British (or robust).

For further information, please contact: Puget Sound Chapter, CSI, 603 Stewart Street, #610, Seattle, WA 98101.

## NEW MEMBER ORIENTATION

The October 1992 Chapter Meeting will be preceded by an orientation for new members. If you are a member and feel disoriented, maloriented or otherwise improperly oriented, please plan to attend.

The orientation will include presentations by our chapter leaders, most committee leaders, and a region director if his or her schedule permits.

Invitations will be mailed about two weeks before the event to those who recently joined the Institute and the Chapter. If you have not attended an orientation and have been a member less than two years, contact Inge Carstanjen (formerly Inga Vrla) at 635-6227 for information.



# FACES TO LOOK FOR...





**Portland Chapter Leaders - 1992-1993**

President -  
 Jim Hirte, CDT 620-0106  
 President-Elect -  
 John Lape, CCS 243-2837  
 1990-91 President -  
 Dennis Obert, CCS 245-7802  
 Secretary -  
 Rick Heiserman 223-1181  
 Treasurer -  
 Becky DeClerck 297-5350  
 Executive Director -  
 Margie Largent 620-6573

**Board of Directors**

Skip Brown, Prof. '94 224-3860  
 Corwin Hymes, Ind. '74 620-6617  
 Roy Josi, Prof. '93 CDT 464-7429  
 Dale Kuykendall, CDT Ind. '93 777-5531  
 John Watson, Prof. '94 721-4677

**Committee Chairs**

Awards  
 John Kehrli 644-7102  
 Certification  
 D.R. Brown, CCS 224-3860  
 Editor  
 Gunnar Forland 223-9318  
 Education  
 Dennis Obert, CCS 245-7802  
 Membership  
 Lee Kilbourn, FCSI, CCS 224-3860  
 Products Fair  
 Gordon Van Antwerp 642-4899  
 Program  
 Jody Moore 284-6799  
 Technical  
 John Lape, CCS 243-2837

**Institute Responsibilities**

Marketing/Membership  
 Les Seeley 298-7135  
 Specifications  
 Robert Klas 644-4222  
 Masterformat - Ad Hoc  
 James Robertson, FCSI, CCS 342-8077

**Region Responsibilities**

Awards  
 Alan G. Shelmerline, CCS (206)861-9522  
 Planning  
 James Robertson, FCSI, CCS 342-8077  
 Publications  
 Linda Bowman 223-4886  
 Membership  
 Joe Maliszewski 466-5177  
 Technical  
 Ivan McCormick CCS, CSI 292-3958

**Region Directors**

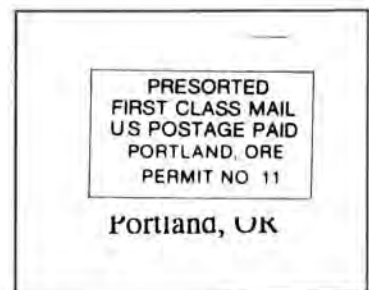
Jim Coates  
 McKenzie Commercial Cont. Inc.  
 865 W 2nd Ave. 343-7143  
 Eugene, OR 97402  
 Sandi Velleca, CCS  
 Arctic Slope Consulting Group  
 301 Danner Avenue, Suite 200  
 Anchorage, Alaska 99518 (907)349-5148

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$30, total investment \$160. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn, FCSI, 315 SW 4th Avenue, Portland, OR 97204.

**The Predicator**

315 SW 4th Avenue  
 Portland, OR 97204

Address Correction Requested



**DATED MATERIAL**

**ADVERTISE IN THE PREDICATOR AFFORDABLE! EFFECTIVE! 1 FULL PAGE \$125 MEMBER**  
 Non members should contact Membership Committee  
 For More Information: Please Call Gunnar Forland **223-9318**

Robert R. Klas  
 Elmaum - Klas Associates  
 6775 S.W. 111th Avenue  
 Beaverton, OR 97005



*Advancement of  
Construction Technology*

# The Predicator

*Portland Chapter - The Construction Specifications Institute*

Vol. 33 No. 2

October, 1992

## **NEXT MEETING**

### **DATE**

Tuesday  
October 13, 1992

### **TIME**

Social Hour 5:30 - 6:30 p.m.  
Dinner & Program 7:00 - 9:00 p.m.

### **COST**

\$18 per person  
Guests and Spouses are  
encouraged to attend

### **LOCATION**

Atwater's Restaurant  
41st Floor, U.S. Bank Tower  
111 S.W. Fifth

### **RSVP**

Trasi Hogenhout at 274-0624  
by Noon on Monday,  
October 12, 1992

## **OCTOBER PROGRAM**

### **Ancient Forests From an Environmentalists' Viewpoint**

Our newspapers, radio and television are full of stories about our forest and the tug-of-war between those who want to save what's left of our ancient forests and those who want to harvest it. The dilemma reaches all the way to the current race for the presidency of the United States. At the forefront for the environmentalists is the Oregon Natural Resources Council, a coalition of over forty separate organizations representing over 6,000 individual members.

On October 13, 1992, you have the opportunity to hear Mr. Mark Epstein, ONRC's Executive Director, talk about the ancient forests and their relationship to the health of our state and world. Learn more about the reasons behind ONRC's work to preserve and protect Oregon's environment. ONRC has been very active with issues such as the Columbia River salmon runs, Elk Creek Dam, the Salt Caves Dam in Klamath Falls, and many others.

Mr. Mark Epstein is an attorney, formerly as a corporate counsel in New York. You will find what he has to say interesting, even when you may disagree with him.

We are back to our regular second-Tuesday-of-the-month format for this meeting at Atwater's, 41st Floor, US Bank Tower. Social hour is at 5:30 pm and dinner at 7:00 p.m. Please make your reservations as soon as possible by calling Trasi Hogenhout at (503) 274-0624, by Monday, October 12 at noon. See you there!



**SIGN OF THE TIME**

**Portland Chapter  
CSI**

**WHAT'S  
INSIDE**

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*Kudos to US Bancorp for their commitment and dedication.*

*Every meeting is an opportunity.*

*PR for PR Share Group.*

*If you're mal - or dis - , come early and get re - (oriented).*

## The President's Message

### Jim Hirte, CDT, President

Most of you will remember we had quite a very successful certification graduating class last spring! We had 21 successful candidates pass the CDT exam and two candidates pass the CCS exam. What you may not know is that of the 21 CDT certificates awarded, ten of them were to U.S. Bancorp's Real Estate Management Division personnel. That kind of commitment from a firm such as U.S. Bancorp certainly deserves recognition and our congratulations!

I would also like to note that U.S. Bancorp has put their new expertise to use immediately. We have the good fortune to have the opportunity to present proposals once in a while to U.S. Bancorp's Real Estate Management Division. Soon after the completion of the classes we noticed that the request for proposals and presentation of documents from U.S. Bancorp followed the CSI format. My personal congratulations and thank you to U.S. Bancorp and the Real Estate Management Division.

Remember to greet our new members. Often I see people standing alone, gazing out the windows, etc. You can almost bet that it is a newer member who just hasn't gotten to meet many CSI members and develop a relationship. It is difficult to be new and walk up to two or three people chatting and work your way into a conversation. So you regulars, please, if you see someone standing alone looking a little bit out of place, walk up and introduce yourself. Let's make our newer members feel welcome. Who knows, it may just be your next project lead!

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The orientation will include presentations by our Chapter leaders, most committee leaders, and a region director if his or her schedule permits. Invitations will be mailed about two weeks before the event to those who recently joined the Institute and the Chapter. If you have not attended an orientation and have been a member less than two years, contact Inge Carstanjen (formerly Vrla) at 635-6227 for information.

## Attention: Product Representatives

Portland Chapter CSI is forming a Products Rep Share Group. Our agenda includes: Preparing for upcoming Product Rep Certification; Provide Education Committee with speakers for IDP seminars; Promote CSI membership with the design community; Assist Products Fair promotion; and Explore advertising opportunities within the Chapter. Please bring your ideas for the Product Rep's Share Group to the October dinner meeting at Atwater's Restaurant. For information, contact William Clark during the social hour, 5:30-6:30 p.m., or Gunnar Forland at the October "Orientation" meeting. This is an opportunity to increase your enjoyment and effectiveness in our chapter. We look forward to hearing from you.



William R. Clark, Jr.  
(800) 845-5900 or (206) 253-2392  
Gunnar Forland  
(800) 234-9318 or (503) 223-9318

## BS BY KS

*Firestopping -  
A williwaw in a  
teapot?*



### Basic Specs by Ken Searl

For many months there has been a Joint Code/Permit Committee consisting of members of City of Portland Bureau of Buildings and members of CSI, AIA, AGC, SEAO and others. Their work consists of reviewing and updating City of Portland's Bureau of Buildings, Policy Manual. Our fearless President-Elect, John Lape (one has to be fearless to be a President-Elect) has been a member of this group.

Main thrust of this group is to bring City of Portland's Policy Manual in conformance with recent code revisions. It appears that a diversified group such as this committee is a commendable way to update, clarify and involve several disciplines so that when their work is completed we all have a better understanding of what is actually involved.

Among this committee's work has been extensive deliberations on Firestopping requirements that are needed to go along with new codes.

It is noted that a firestopping position paper is completed and available entitled "Information Sheet on Firestopping." Contact any member of this committee, John Lape or Ken Searl for a copy. Copies will also be available at CSI Portland Chapter's October meeting.

It is also noted that both John and Ken have working specifications on Section 07270, Firestopping. We would be glad to give you a copy upon request. Both specifications are very similar. In my case, I have two firestopping specification masters, one for City of Portland and one for elsewhere in Oregon.

Keep in mind our firestopping specifications are still in an infancy stage. This means that there will no doubt be revisions as time and experience dictates.

We feel, and probably so does the committee, that there will be lots of fun, confusion, general discontent and possibly some snarling involving working aspects of these firestopping requirements.

It has been a long time in coming but believe me it is certainly needed. There have been many fires throughout this country that would not have been nearly as catastrophic if proper firestopping had been originally installed. In earlier times it is noted that primarily telephone companies provided a large measure of firestopping mostly within their equipment buildings, installed in and out of cable vaults and floor to floor.

My main concern is that once a building is turned over to an owner what happens? In many cases, especially in medium to smaller commercial buildings, revisions and penetrations are made willy-nilly with no thought given to firestopping. It seems to me that some one should come up with a way to educate this group of building owners in the importance of firestopping. Perhaps insurance companies can give a cheaper premium if a building continues to conform to firestopping requirements. (Note: My spelling checker does not recognize willy-nilly, as close as it comes is williwaw. This points out that computers aren't so smart after all. By now you are probably asking what the heck is williwaw. Yes, there is such a word. It means a violent squall. So there, you learned something new you probably didn't even need to know. It just points out there is something more than BS in this column.)

Ken Searl, FCSI, WEGROUP Architects & Planners

*Why Ken calls  
Mr. Lape  
"Fearless John"*

*The Joint  
Code/Permit  
Committee is a  
stellar example  
of "The advance-  
ment of  
Construction  
Technology"*

*See Committee  
Report, page 5*



## JUNE MEETING REPORT

*Thank You,  
Ken Searl  
The Predicator*

June 1992 brought recognition to some of our hard-working Chapter leaders and volunteers.

Jim Hirte received "Chapter President's Award" from the Institute.

Corwin Hymes received a framed "Certificate of Merit and Appreciation" for his special contribution to the Chapter Technical Committee preparing the SpecGuide on Radiation Shielding.

Richard Heiserman received a framed "Certificate of Merit and Appreciation" for his efforts as Chapter Secretary.

Gunnar Forland received a framed "Certificate of Merit and Appreciation" for his work as Editor of The Predicator.

The National Association of Women in Construction, Portland Chapter received a framed "certificate of Merit and Appreciation" for their assistance, again this year, at the registration desk for the Products Fair.

Kevin Martin received a framed "Certificate of Merit and Appreciation" for his hospitable style as Hospitality Committee leader.

Candace Robertson received a framed "Certificate of Merit and Appreciation" for her continued work as leader of the Library Committee.

Curt Austin received a framed "Certificate of Merit and Appreciation" for his perseverance as leader of the Calling Committee.

Skip Brown received a framed "Certificate of Merit and Appreciation" for his efforts as Certification Committee Leader.

Gary Madison received a framed "Certificate of Merit and Appreciation" for his continued work in Liaison.

Dennis Obert received a framed "Certificate of Merit and Appreciation" for his leadership of the Nominations Committee.

Paul Wilson received a framed "Certificate of Merit and Appreciation" for his work as leader of the Specifiers Share Group.

Jody Moore received a framed "Certificate of Merit and Appreciation" for her work as leader of the Contractor's Share Group.

Inga Vrla received a framed "Certificate of Merit and Appreciation" for her efforts as leader of the Tellers Committee.

Becky DeClerck received a framed "Certificate of Merit and Appreciation" for her work as leader of the Publicity Committee.

John Lape received a framed "Certificate of Merit and Appreciation" for his leadership of the Chapter Technical Committee.

Igo Jurgens, Linda Bowman and Bob Thompson each received a framed "Certificate of Merit and Appreciation" for their service on the Chapter Board of Directors.

Isaac Tevet received a walnut plaque for his "Devoted and Personal Contribution to the Chapter" as 1991-92 Chapter Treasurer.

Gene Andrews received a walnut plaque for his "Devoted and Personal Contribution to the Chapter" as 1991-92 Chapter Program Committee leader.

Gordon VanAntwerp received a walnut plaque for his "Devoted and Personal Contribution to the Chapter" as 1991-92 Chapter Products Fair manager.

Ken Searl received a walnut plaque for his "Devoted and Personal Contribution to the Chapter" as 1991-92 Outstanding Contributor to The Predicator.

Lee Kilbourn received a walnut plaque for his "Devoted and Personal Contribution to the Chapter" as 1991-92 Outstanding Recruiter.

Margie Largent received a walnut plaque for her "Devoted and Personal Contribution to the Chapter" as 1991-92 Chapter Executive Director.

*Thank You, to all  
of the various  
committee  
members.*

*And, Thank You,  
John Kehrl, for  
this report of  
awards  
presented at our  
June meeting.*

## CSI PORTLAND 1992-1993 CALENDAR

*Rena Cusma  
may be sched-  
uled for a Dinner  
Meeting later in  
our year.*

10/1-4	Region Conference Victoria, B.C.
10/13 Tuesday	CSI Dinner Meeting Oregon Natural Resources
11/10 Tuesday	CSI Dinner Meeting ICBO
12/8 Tuesday	CSI Dinner Meeting Winter Program

*New UBC Fire-  
stopping  
regulations  
scheduled to  
become  
effective...*

### LOST AND FOUND

*Policy review  
continues.*

**Found - a pearl ring, in the CSI box during recent AIA regional conference. The ring was probably lost at the last Products Fair. Call Laurie at 236-8694 for further details.**

Editor:	Gunnar Forland, 223-9318
Publisher:	Niki Sims, 231-0813
Advertising:	Becky DeClerck, CDT, 225-0200
Photographer:	Inga Vrla, 635-6227

Many thanks and much appreciation to Lee Kilbourn for his efforts on behalf of The Predicator.

The Predicator is the official newsletter of the Portland Chapter CSI, published monthly, September through June. The opinions expressed in this publication are not necessarily those of The Predicator staff.

Articles for publication may be sent to

Niki Sims, Publisher  
The Predicator  
P.O. Box 14854  
Portland, OR 97214

or FAXed to (503)234-6170

## TECHNICAL COMMITTEE REPORT

### Firestopping Position Paper Available

The Joint Code/Permit Committee has been busy during the summer. We met regularly, concluded one task, and started on next year's work.

The "Information Sheet on Firestopping", issued by the committee, is finally completed and ready for distribution. The paper provides information related to the new UBC firestopping regulations scheduled to become effective January 1, 1992. There will be copies available at the October dinner meeting. You may also request a copy from any committee member. Ken Searl and John Lape have been working on a specification section for firestopping that we would be willing to share.

We have started work on reviewing and updating the City of Portland's, Bureau of Building, Policy Manual. This book contains over 70 policies that affect permitting, inspection and code interpretation. Some of the work that the committee has done in the past year has been placed into this manual as City policies. It will take us some time to carefully review and bring the policies into conformance with the new code. Once reviewed the policies will be assembled into a format that will be made available to the construction industry. Distribution may be through the cashier's desk in the Permit Center.

Submitted by John Lape, Chairman

**Bonus Question:**  
*How many  
policies are  
there in Bureau  
of Buildings  
Policy Manual?*



## PORTLAND CHAPTER CSI BOARD OF DIRECTORS MINUTES OF 6/2/92 MEETING

The meeting was called to order by President-Elect John Lape at 12:05 p.m. at the AIA/CSI office.

**PRESENT:** Bowman, Heiserman, Josi,  
Kuykendall, Lape, Obert,  
Thompson, Totten

**ABSENT:** Hirte, Jurgens, Largent, Tevet

**ALSO PRESENT:** Corwin Hymes, Lee Kilbourn

### Discussion:

1. Approval of Minutes
  1. Minutes of the 5/2/92 Board of Directors meeting were distributed and read. Corrections were included in the version published in the September issue of The Predicator.
2. Treasurers Report
  1. No report was given. A current amount will be faxed soon to Jim Hirte and John Lape.
3. Correspondence Reports
  1. Rick Heiserman said that a copy of the revised Chapter By-Laws was mailed to The Institute on 5/8/92.
  2. The Capital Chapter will have their charter meeting on 6/11/92.
4. Business Items
  1. Old Business
    - a. The lease with AIA for space in their new office space has been signed. It was noted that other organizations have signed lease agreements with AIA. There is a separate phone number that CSI will share with other organizations. That number is 223-8231. It is expected that the space will be available by 9/92.
    - b. A quote for new stationery from Kopy Kats was presented to the Board. A motion was made by Ray Totten and seconded by Roy Josi to order 500 sheets of stationery and 1000 envelopes. Motion passed.
    - c. Financial accounting for the Products Fair

has not been completed. It appears that The Chapter will make about the same as last year. The Board directed that a gift of \$250 be given to Gordon VanAntwerp for overseeing another successful Products Fair. He has indicated that he will direct the Fair next year. It was noted that Gordon needs an assistant who will some day succeed him.

### 2. New Business

a. Rick Heiserman passed on a message from Jim Hirte that Colamette Construction will host a Board meeting this summer. It is anticipated to be around the first of August. The purpose is to plan for the coming year's activities and goals of the Chapter.

b. Lee Kilbourn has discussed with Becky DeClerck about using the Chapter's computer to develop a financial program to do the accounting for the Chapter.

c. A motion was made by Linda Bowman and seconded by Bob Thompson for the Chapter to purchase a carrying case for the Chapter's computer printer. The case will cost about \$80. Motion passed.

### 5. Committee Reports

a. Technical Documents - John Lape  
Chair: John Lape

1. Continuing to meet with the City of Portland helping to develop procedural issues. It is anticipated that a procedural document will be produced on the issue of Firestopping. How it and other documents produced by this committee get distributed to those who are interested has yet to be determined.

2. Jim Wilson will chair this committee next year.

b. Membership - Rick Heiserman  
Chair: Lee Kilbourn

1. The Chapter has 327 members. To date it does not appear that we have lost members to the Capital Chapter, however, a number of people have transferred their "home chapter" status to this new chapter.

2. It was agreed a new directory should

*Please Note:  
CSI phone #:  
223-8231*

*Stationery  
motion*

*Firestopping info  
-- see BS by KS  
and Tech Comm.  
report by F.J.*

*Spec text available at The Construction Library in the Multnomah County Library.*

*Continuing Education with CSI - Keep yourself current.*

*For more information on seminars, call a committee member today!*

not be produced until after the current membership drive has been completed. Work on this new directory will take place in September.

- c. Library - Dale Kuykendall  
Chair: Candace Robertson
    - 1. The Spec-text has been renewed for use at the Multnomah County Library.
  - d. Programs - Roy Josi  
Chair: Gene Andrews
    - 1. Planning programs for next year.
  - e. Hospitality/House - Roy Josi  
Chair: Kevin Martin
    - 1. The June meeting is at Atwater's on the 30th floor.
6. **Next Meeting Date**
- 1. Next meeting to be announced.
  - 2. Meeting was adjourned at 1:02 p.m.

Respectfully submitted,

Richard Heiserman, Secretary

## CSI IN COOPERATION WITH AIA-IDP PRESENTS CONSTRUCTION TECHNOLOGY SEMINARS

The following seminars will assist participants to obtain a better understanding of Construction Technology while obtaining a 1/2 IDP Value Unit per seminar. Topics and speakers include:

- 9/28/92: Architectural Sheet Metal by Hal McBride, CSI and SMACNA, Owner of McBride Sheet Metal;
- 10/28/92: Modified Bitumen Roofing by Gary Felling, CSI, Northwest Sales Representative for Bitec;
- and 11/18/92: Architectural Wood Doors by Robert Carlson, CSI and NWWDA, Architectural Specification Manager for Sauder Door Corporation.

Seminars will be held at the new AIA/CSI office. Make reservations by sending checks payable to: CSI Portland Chapter, Inc. at 315 SW 4th, Portland, 97204. Cost for individual seminars are: full time students: \$1; Members of AIA, IDP or CSI: \$2; and non-members: \$3.

Committee members responsible for pulling this seminar series together are:

Toni Fennig, IDP Representative, Ehmann Klas, 644-4222; James Wilson, CSI, SRG Partnership, 222-1917; Dennis Obert, CSI, Obert Specifications, 245-7802; Thomas Gillespie, CSI, PCC-Arch Draft Tech, 244-6111 x 4166; and Kevin Martin, CSI, USG Interiors, 255-5122.

## MATRI • ARCHS

PIONEERING WOMEN ARCHITECTS  
OF OREGON

Gallery 299, October 1 - October 31  
Department of Art, Rm 299 Neuberger Hall  
Portland State University

First Thursday Reception October 1, 4-7 PM



## PCC & YOU

*Community  
with a capital C*

Portland Community College offers courses of study in Architectural Drafting Technology and Building Inspection. The ADT program is designed to develop student abilities for ready employment in a variety of drafting opportunities. Many of their course graduates are currently employed with local architectural, engineering and construction firms. Some of these employees began with their respective firms as interns in a cooperative effort between the college and the private sector.

*What is good  
specs?*

*A good example  
is the best  
teacher.*

The ADT faculty at PCC is particularly well qualified. For more information, donations, contributions or employment opportunities, call or write Tom Gillespie, Instructional Coordinator Architectural Drafting Technology, PO Box 19000, Portland, OR 97219, 244-6111 ext. 4163.



Jim Hirte and Margie admire Wooden Plaque

## THE COMPETITION HAS BEGUN!

We are The Construction Specifications Institute. Our membership represents different aspects of the construction industry and our approaches to specifications are equally diverse. Some of us write the specifications, some of us fight the specifications. One way or another we are all involved with specifications. The mission of CSI is "the advancement of construction technology" through communication. That could as well be the hallmark of an exceptional specification. I'll let you be the judge - literally!

Each year, CSI conducts a "Specification Competition" which is open to anyone who prepares project manuals for the construction industry. Please reward the excellence you have seen in project manuals by submitting entries to this competition. You should have received an "FY1993 Specifications Competition Application" by now. Entries for fiscal year 1993 award must be submitted and received at the Institute office in Alexandria, VA by November 3, 1992. Winners will be recognized at the national convention in Houston, TX on June 25, 1993.

The high quality of the specifications work in this area may be taken for granted by those of us involved with spec's day in and day out. Now is the time to alert the rest of the nation to this fact. A good example is the best teacher.



... AND SMILES





Recognition for lots of time and labor produces big smiles.



... and smiles ...



... and ... and ... Oh, well ...



**Portland Chapter Leaders - 1992-1993**

President -  
 Jim Hirte, CDT 620-0106  
 President-Elect -  
 John Lape, CCS 243-2837  
 1990-91 President -  
 Dennis Obert, CCS 245-7802  
 Secretary -  
 Rick Heiserman 223-1181  
 Treasurer -  
 Becky DeClerck, CDT 297-5350  
 Executive Director -  
 Margie Largent 620-6573

**Board of Directors**

Skip Brown, CCS, Prof. '94 224-3860  
 Corwin Hymes, Ind. '74 620-6617  
 Roy Josi, Prof. '93 CDT 464-7429  
 Dale Kuykendall, CDT Ind. '93 777-5531  
 Ray Totten, CCS, Prof. '93 635-4425  
 John Watson, Prof. '94 721-4677

**Committee Leaders**

Awards  
 John Kehrli 644-7102  
 Certification  
 D.R. Brown, CCS 224-3860  
 Editor  
 Gunnar Forland, CDT 223-9318  
 Education  
 Dennis Obert, CCS 245-7802  
 Membership  
 Lee Kilbourn, 224-3860  
 FCSI, CCS  
 Products Fair  
 Gordon Van Antwerp 642-4899  
 Program  
 Jody Moore 284-6799  
 Technical  
 Jim Wilson, CCS 222-1917

**Institute Responsibilities**

Planning  
 Les Seeley 287-7135  
 CCCA Implementation Committee - Ad Hoc  
 James Robertson, FCSI, CCS 342-8077

**Region Responsibilities**

Awards  
 Alan G. Shelmerdine, CCS (206)861-9522  
 Publications  
 Linda Bowman 485-7618  
 Membership  
 Joe Maliszewski 466-5177  
 Technical  
 Ivan McCormick CCS, CSI 292-3958

**Region Directors**

Jim Cheney  
 McKenzie Commercial Cont. Inc.  
 865 W 2nd Ave. 343-7143  
 Eugene, OR 97402  
 Sandi Velleca, CCS  
 Arctic Slope Consulting Group  
 301 Danner Avenue, Suite 200  
 Anchorage, Alaska 99518 (907)349-5148

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$30, total investment \$160. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn, FCSI, 315 SW 4th Avenue, Portland, OR 97204.

**The Predicator**

315 SW 4th Avenue  
 Portland, OR 97204

Address Correction Requested

**BULK RATE  
 U.S. POSTAGE  
 PAID  
 Permit No. 11  
 Portland, OR**

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 EFFECTIVE!  
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 \$125 MEMBER**  
 Non members should  
 contact Membership  
 Committee

**For More Information:  
 Please Call Gunnar Forland  
 223-9318**

Robert R. Klas  
 Ehmann - Klas Associates  
 6775 S W 111th Avenue  
 Beaverton, OR 97005



Advancement of  
Construction Technology

# The Predicator

Portland Chapter - The Construction Specifications Institute

Vol. 33 No. 3

November, 1992

## **The Uniform Building Code 1991 UBC - THE NEW, THE OLD AND THE DIFFERENT!**

Here's your chance to be ahead of the changes for once!!!

Surprise the Plan Checkers first and know all about those Code changes before they spring them on you.

Our program for the month of November will be a presentation by Mr. Jerry J. Barbera, P.E., Manager of the Northwest Regional Office of the I.C.B.O. in Bellevue, WA. Mr. Barbera will discuss major differences between the 1988 and 1991 edition UBC and trends occurring since publication of 1991 edition. He will come to us having recently attended the 1992 annual business meeting of the International Conference of Building Officials, and will discuss other interesting procedures and services available from I.C.B.O.

Mr. Barbera's office in Bellevue provides various services related to research, plan review, education, and code interpretation to I.C.B.O. members. He is a registered professional engineer in the states of Washington, Oregon and California. He is a graduate of California State University at Los Angeles with a Masters Degree in Structural Engineering and has received his B.S. degree in General Engineering from U.C.L.A. His work experience includes fourteen years with the County of Los Angeles prior to joining I.C.B.O. His professional affiliations include the American Society of Civil Engineers and the Structural Engineers Association of Washington.

Join your colleagues for a no-host bar at 5:30 p.m., followed by dinner at 6:30 p.m. at Atwater's Restaurant, 41st Floor of the US Bancorp Tower. Please make reservations by Monday, November 8th at 12:00 p.m. by calling the C.S.I. Office at 223-8231. See you there!

*Make your  
reservations by  
Monday, noon,  
November 8, to  
the CSI Office,  
223-8231*

*Atwater's  
Restaurant  
111 SW Fifth  
41st Floor*

\$18

**NEXT  
MEETING**

**TUESDAY  
NOVEMBER 10, 1992**

**ATWATER'S RESTAURANT  
US BANCORP TOWER  
41ST FLOOR**



## The President's Message



*A salute to the chevrons.*

*The longest continuous CSI membership in the Institute?*

*Find out answer at November meeting.*

*Table top displays; back in fashion.*

### Jim Hirte, CDT, President

Whoops! Too busy this month chasing work! Be back in touch next issue.

## ARCHIVES REPORT

### From Margie Largent

All Portland Chapter members who have maintained continuous CSI membership for 20 years or more will be given the appropriate pin (chevron) at the June 8, 1993 Awards Banquet. (No stand-ins or mail outs - June 1993 cut-off date). We have one member to receive the 40 YEAR chevron, CSI member #97 and possibly the first (or second) longest continuous member in CSI.

Two 30 YEAR chevrons will be given to the two chapter members still in the chapter.

Seven 25 YEAR members will be "dubbed" plus many 20 YEAR chevrons. (25 year chevrons not available).

We plan to have one guest of honor and several members of historic significance.

Watch this column for information about CSI members and chapter history.

Mark your calendar now - JUNE 8, 1993 - for 30+ pins and other awards, promising a long, fun-filled, roasting-type meeting!

## BS by KS



*Goal tender  
in the sky.*

*Is the govern-  
ment experienc-  
ing calcification  
when implement-  
ing metrication?*

*Consider the  
Region  
Conference and  
the Leadership  
Meeting.*

*Substitution  
suggestions*

## Basic Specs by Ken Searl

At our Northwest Region Conference, held in Victoria BC on October 1, 2 and 3, I attended a discussion group on planning, both long range and short range. One of the most interesting items discussed was that one should set goals but in setting them be careful. It is nice to set a goal up sort of like pie in the sky, but if it is very difficult or near an impossibility to achieve, then one should not get caught in this predicament.

It is noted that CSI has changed Long Range Planning to Planning. In other words, they figure all planning should be under one umbrella (a little insurance type talk there folks).

For those of you that haven't attended either a Region Conference or a Region Leadership Meeting, give it some future consideration. One can learn a lot at one of these meetings with some of it being helpful in all walks of life.

Another item of note and importance we discovered at the last Region Conference is what version of Metrication is preferred. We are advised to use the "SI" standard. This standard is based on meters and millimeters and does not generally use centimeters.

Several years ago we were advised to switch to metric and several of us did. About the time our specifications were fully converted to metric they (the U.S. government) backed off and said not yet. Well, I still have my prepared conversion charts standing by so I will be able to get going without too much trouble. I know they appear to be serious but are they really? This time I am going to wait a little longer before I jump on the bandwagon. So there!

In connection with last month's BS by KS it is noted that the Joint Code/Permit Committee consisting of CSI, AGC and City of Portland personnel has begun work on updating the City of Portland's Bureau of Buildings, Policy Manual. This book contains over 70 policies that affect permitting, inspection and code interpretation. Some of the work that the above mentioned committee has done in the past year has been placed into this manual as City Policies. It will take this committee quite a bit of time to carefully review and bring policies into conformance with the new code. Once reviewed, these policies will be assembled into a format that will be available to the construction industry. More information will be forthcoming at a later date.

One final item and that is regarding Substitution Request Form as presented and recommended by Northwest Region and also in CSI's Manual of Practice. One of our leading specifiers has suggested that in an after bid situation that general contractor countersign all substitution requests. This involves making sure instructions are easily understood and define all requirements. It was suggested that our present form be revised to cover this situation. It was decided by the Region Substitution Request Form Committee that if this type of form was required that our present form could be revised as needed but the basic form would remain as published. If you have any suggestions regarding this, would you please let us know.

If any of you need a copy of our basic form also let us know.

Ken Searl, FCSI, WEGROUP Architects & Planners



### September Meeting



Registration at OMSI Meeting.



Lee Kilbourn going through his paces.



Linda Joens and guests after the tour.

**CSI PORTLAND  
1992-1993  
CALENDAR**

- 11/10**      **CSI Dinner Meeting**  
**Tuesday**    ICBO
- 12/8**        **CSI Dinner Meeting**  
**Tuesday**    Holiday Celebration with the Dicken's  
                    Carolers!
- 1/12**        **CSI Dinner Meeting**  
**Tuesday**    Economic Outlook for 1993

**AVAILABLE SHARE GROUPS**

SPECIFIERS  
CONTRACTORS  
PRODUCT REPRESENTATIVES

Contact Dale Kuykendall for information.

**NOTICE**

November Meeting

PRODUCT REPRESENTATIVE SHARE  
GROUP

will be the third Monday (November Only)

November 16th

Construction Data Plan Center West

Noon

Editor:            Gunnar Forland, 223-9318

Publisher:        Niki Sims, 231-0813

Advertising:      Gunnar Forland, 223-9318

Photographer:    Inga Carstanjen, 635-6227

Many thanks and much appreciation to Lee Kilbourn for his efforts on behalf of The Predicator.

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Portland, OR 97214  
(503)233-9878  
or FAXed to (503)234-6170



# TECHNICAL COMMITTEE REPORT

## WHAT'S HAPPENING TO WORKMANSHIP?

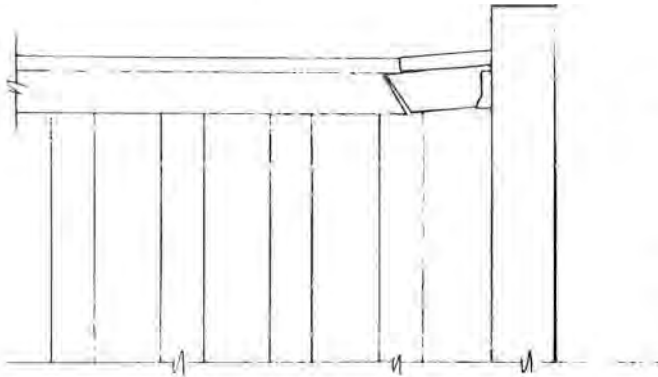
*... in a workman-like manner.*

This month's article will digress from the typical discussion of Technical Committee activities. I recently observed some construction practices that got me to thinking how extensive our specifications need to be.

*Detail in specification can only direct "quality" so far.*

Last month I stayed at a motel in Oregon that is run by a well respected regional motel chain. While bobbing along in the pool, the pool enclosure caught my eye and started a progression of thoughts. The wood railing pool enclosure had been rebuilt recently, presumably to comply with new code requirements. The work included an area depicted below where the railing meets a post. Both the top rail and cap were spliced within 6 inches of the post! Was the post

*Is it even possible to specify quality?*



moved and the old fencing too short? Was this the last part built and the installer ran out of pieces of the correct length? Hopefully none of us would have taken this solution - but are pride of workmanship and quality disappearing?

*Musings from the swimming pool.*

Admittedly, the work that had been done was probably done by maintenance personnel without drawings or specifications to follow, but it does point to a concern. If I had done the Documents, would I have had to provide language to prevent this? Would the "standard" language in my specifications been enough to provide me with criteria to require the contractor to redo the work? Do we need to specify quality of workmanship on everything?

Some portions of work do require detailed quality instructions. For example, my Finish Carpentry Section 06200 includes the following language for running trim:

- A. Direction of angle of mitered end-to-end joints to be away from room entrance to minimize visibility.
- B. Install trim in pieces as long as possible, jointing only where solid support is obtained:
  1. Trim runs of 8 feet or less shall be handled with one piece only.
  2. Where splices are required, trim pieces less than 3 feet long are not acceptable.

Even these instructions would seem to be general good construction principles. I find it necessary to include them in my specifications to prevent some of the things that I have observed in the field. Many times workmanship seems to suffer at the end of the day or at the end of a job or room where only scraps are left. The railing detail that I saw is not representative of general construction practices. It does, however, represent isolated areas that are sometimes missed in inspections where an individual worker gets lazy.

Specifications used to include the phrase "install in a workmanlike manner." These types of phrases were dropped because there was not finite definition of workmanship, but surely not every last thing needs to be called out to get a quality job. Some basic workmanship has to be the responsibility of the contractor and even the individual workers.

Submitted by John Lape.

## PORTLAND CHAPTER CSI BOARD OF DIRECTORS MINUTES OF 9/1/92 MEETING

*Membership  
Conference - see  
report, page 8.*

The meeting was called to order by President Jim Hirte at 12:05 p.m. at the AIA/CSI office.

**PRESENT:** DeClerk, Heiserman, Hirte, Hymes, Josi, Kuykendall, Largent, Obert, Totten

**ABSENT:** Brown, Lape, Watson

**ALSO PRESENT:** Inge Carstanjen, Lee Kilbourn, Ken Searl

*The sky's the  
limit!*

### Discussion:

1. Approval of Minutes
  1. Minutes of the 6/2/92 Board of Directors were approved as read.
2. Treasurer's Report
  1. A current balance for both the checking and savings accounts were given.
3. Correspondence Reports
  1. No reports.
4. Business Items
  1. Old Business
    - a. The Chapter meeting will be 9/15 at the new OMSI facility. Tours of the building will be given starting at 5:30 pm. Subcontractors who worked on the project have been asked to give talks to those who attend about their efforts. Dinner will be catered by Atwater's at the Carousel Courtyard at 7:30 pm.
    - b. The CSI Northwest Region Conference is scheduled for 10/1-3. It will be held in Victoria, BC. Friday night has been set aside to receive comments about improving future leadership conferences.
    - c. Isaac Tevet is expected to finish year end statements for The Chapter shortly and will turn over the books to Becky DeClerk. John Lape was assigned to assist Becky with auditing the year end

*Ken Searl pre-  
sented draft of  
chapter Opera-  
tions Guide -  
Kudos to Ken.*

statements.

d. AIA is now seeking a monthly fee for storage space within their new office. This appears to be in conflict with the original lease agreement they presented to the Chapter. John Lape was assigned to discuss this issue with Sandra Wark.

e. Ken Searl presented a revised draft for the Chapter Operations Guide.

Comments were requested within one week at which time it will be published and distributed as a standing Guide.

f. Today is the last day for articles to be published in The Predicator.

### 2. New Business

a. A report on the Membership Conference held in Las Vegas, Nevada was given by Inge Carstanjen. The conference was led by Mark Levin and discussed how to help a chapter grow and how to divide the work. Other issues discussed how to recognize what a new member needs, developing programs of value, and identifying the leaders of the group. A new membership campaign by Institute is to start September 1. It is titled The Sky's The Limit. Copies of the CSI pocket guide to membership were passed out to the Board.

b. A request was presented to the Board to endorse the opposition to ballot measure #5 and #6. These measures are asking for the immediate shut down of the Trojan Nuclear Power Plant. A motion was made by Roy Josi and seconded by Dennis Obert to support this request. It was felt in the discussion that followed that if this motion passed the Chapter's name would be published as supporters of the opposition. Motion passed.

### 5. Committee Reports

- a. Technical Documents - John Lape  
Chair: Jim Wilson
  1. Continuing to meet with the City of Portland helping to develop procedural issues.



- b. Membership - Rick Heiserman  
Chair: Lee Kilbourn
  - 1. The Chapter roster from Institute was presented.

**6. Next Meeting Date**

- 1. Next meeting is 10/6/92.
- 2. Meeting was adjourned at 1:10 p.m.

Respectfully submitted,

Richard Heiserman, Secretary

## CSI MEMBERSHIP SEMINAR From Inge Annelise Carstanjen

Mark Levin: Presenter

Subject: Effective Leadership; Organizing for Success; and Recruiting

The program dealt mainly with encouraging existing membership to work together, creating enthusiasm. This would act as an incentive for new member participation.

Many of us do not have a clear idea of what we want from CSI. What image do we want to project to the construction industry. Why would a professional join CSI. We must be CLEAR. When we understand our goals, we can better discuss these with potential members.

And then since we are a "volunteer" organization we must better understand the benefits of volunteering, i.e., who would volunteer with no return of any kind. What is the payback?

We must learn how to identify leaders and we must understand the roles and responsibilities of committees.

These were some of the ideas discussed in the seminar. It was very worthwhile.

I enjoyed the hospitality hour the night before. However, if I ever go to Las Vegas in the next 30 years, it will be too soon!

*Inge has a date  
in Las Vegas -  
after 2022.*

*Well understood  
goals produce  
clear presenta-  
tions and clarity  
is the key.*

*Volunteering is  
more than it's  
own reward.*



Joe Maliszewski at National Membership Meeting in  
Las Vegas.

## XTREE: A SUPERFAST WAY TO WORK WORDSTAR

*Thank you, Andy Olson.*

Submitted by: Andrew B. Olson, CCS

Back in the early '80s The Construction Specifier ran an article on various computer programs and their usefulness to specifications. After such discussion and comparing of various programs, the author determined that WordStar was the best one to use for writing specs. Many computer programs have been developed since then and may make that advice obsolete. However, I took the article seriously and bought the WordStar program for use on my computer. Perhaps others are in the same boat.

*Hot computer stuff.*

After installing my master specs in my computer I discovered WordStar to be rather slow and cumbersome. I installed each section as a separate file for easy access in my master spec directory. But I found it took too much time to move each section file from the master directory to a job directory. I thought there must be an easier way, but I couldn't find any short cuts in the WordStar 4.0 manual. My son-in-law came to my rescue. He advised me to get "XTree." XTree will allow you to save files around 10 to 20 times faster than with WordStar alone. With WordStar you have to type "O" to copy a file, type name of file to move, type name of directory you're saving the file to, press "enter" and the master file is transferred to the new directory location. The problem is that you have to do this for each file you want to move. Each operation takes around a half minute.

*Control "C"  
WordStar XTree  
Control "I".*

Compare WordStar procedures with XTree procedures: With XTree you can run a highlight down the list of master directory files and tag each file you want to move to a job directory. There is no limit to the number of files you tag at one time. Tag all the files you need for your job directory, all at one time if you know which ones you need. Type "Control C" to copy all tagged files. Type name of job directory in which you want all tagged files copied. Press "Enter" and all tagged files are copied in rapid succession as the cursor moves down the list of tagged files. 20 to 30 files would take a minute to a minute and a half compared to 10 or 15 minutes using WordStar.

If you had a large project in which you might use most of your master sections, there is an "Invert function" where you can tag only the files you don't need in your project directory and then press "Control I" to invert the tags. All sections required for your project are tagged and can then be transferred as stated above.

The original XTree program was introduced in 1985. Since then five other versions of the program have come out, including: XTreePro, XTreePro Gold, XTreeGold, XTree Easy and XTreeNet. XTreeNet was created specifically for use in local area networks, which allow for many computers to be linked together to share file storage and other resources. The original XTree program concentrated almost entirely on disk management tasks featuring a full compliment of file and directory manipulation commands that could operate on a single computer disk. XTreePro added an integrated editor, a 1 Word editor, and it supports working with more than one disk at a time.

I have XTreePro and it does everything I need and a lot lot more. XTreePro Gold and XTree Gold have a special feature called "Data Compression" which allows you to compress files anywhere from 20% to 80% without losing any of the information inside the files. Very useful in case you have limited file storage space. The files are stored in archives and can be expanded back to their original form any time you need to use those files again. You can also view your compressed files without extracting them first in case you aren't sure which files you want to extract.

Perhaps the above information may be useful to someone in the Portland, Oregon, Chapter. There is much much more in the XTree programs than I have listed.



**Portland Chapter Leaders - 1992-1992**

President -	
Jim Hirte, CDT	620-0106
President-Elect -	
John Lape, CCS	243-2837
1990-91 President -	
Dennis Obert, CCS	245-7802
Secretary -	
Rick Heiseman	223-1184
Treasurer -	
Becky DeClerck, CDT	297-1836
Executive Director -	
Margie Largent	620-6573

**Board of Directors**

Skip Brown, CCS, Prof. '94	224-3860
Corwin Hymes, CDT, Ind. '94	620-6617
Roy Josi, Prof., CDT, '93	464-7429
Dale Kuykendall, CDT, Ind. '93	777-5531
Ray Totten, CCS, Prof., '93	635-4425
John Watson, Prof. '94	721-4666

**Committee Leaders**

Awards	
John Kehrlie	644-7102
Certification	
D.R. Brown, CCS	224-3860
Editor	
Gunnar Forland, CDT	223-9318
Education	
Dennis Obert, CCS	245-7802
Membership	
Lee Kilbourn, FCSI, CCS	224-3860
Products Fair	
Gordon Van Antwerp	642-4899
Program	
Jody Moore, CDT	284-6799
Technical	
John Lape, CCS	243-2837

**Institute Responsibilities**

Planning	
Les Seeley	287-7135
CCS Implementation Com. - Ad Hoc	
James Robertson FCSI CCS	342-8077

**Region Responsibilities**

Awards	
Alan G. Shelmerdine, CCS (206)861-9522	
Membership	
Joe Maliszewski	466-5177
Publications	
Linda Bowman, CDT	485-7618
Technical	
Ivan McCormick, CCS, CSI	292-3958

**Region Directors**

Jim Cheney, CDT	
McKenzie Commercial Cont. Inc.	
865 W 2nd Avenue	343-7143
Eugene, OR 97402	
Sandi Velleca, CCS	
Arctic Slope Consulting Group	
301 Danner Ave., Suite 200	(907)349-5148
Anchorage, AK 99518	

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$30, total investment \$160. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn FCSI, 315 SW 4th Avenue, Portland, OR 97204.

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Beaverton, OR 97005



# The Predicator

Advancement of  
Construction Technology

Portland Chapter - The Construction Specifications Institute

Vol. 32 No. 4

December, 1992

## The Dickens Carolers

We will celebrate the true spirit of Christmas in song with The Dickens Carolers at our next meeting, on December 8th. As the Dickens Carolers stroll from table to table through dinner, they will be taking requests for the concert which will follow.

The Dickens Carolers actually consists of 12 members who break into quartets each year to entertain holiday merrymakers like us. All of their music is unaccompanied and sung in four part harmony. Their two hour repertoire is comprised of favorite carols, both traditional and contemporary, including "God Rest Ye Merry Gentlemen:", "O Come All Ye Faithful", "O Christmas Tree", "Jingle Bells", "White Christmas", "Winter Wonderland", "Rudolph" and more.

The Dickens Carolers first began performing in 1978 and have enjoyed extensive local media coverage including appearances on KATU's "AM Northwest" and "Two at Four" programs. They perform over 200 performances during each Christmas season, and have become something of a Northwest tradition.

Our regular no-host bar will open at 5:30 p.m., followed by dinner at 6:30 p.m. at Atwater's Restaurant, 41st Floor of the US Bancorp Tower. Please make reservations by Friday, 12/8 at 4:00 pm by calling the AIA/CSI office.

Come prepared with a request for your favorite holiday tune, and have fun!

*Make your  
reservations  
by  
12/8, to  
the CSI  
office,  
223-8231*

*Atwater's  
Restaurant  
111 SW 5th  
41st Floor*

\$18



**NEXT  
MEETING**

**TUESDAY  
DECEMBER 12, 1992**

**ATWATER'S  
RESTAURANT  
US BANCORP  
41ST FLOOR**



## The President's Message



**Jim Hirte, CDT, President**

We are off to a tenuous start for our '92-'93 year. I know part of it is a very busy fall for me, and it seems true for most everyone I talk to these days. The market is tough, so everyone seems to be making an extra effort in bidding and marketing. Our firm is fortunate to have a reasonable amount of work to carry through to spring, but others are scrambling. The good news is that it appears the design firms are relatively busy and even a few are hiring. That, at least, bodes well for the future.

It was an interesting election, even if you may not be entirely happy about all of the results. The composition of our elected officials obviously changed dramatically at all levels of government; the city, state and nationally. I believe that the citizen took more effort to be involved in all facets of this election. I can only hope and encourage everyone to stay involved and informed. If the reduction of the national debt is an issue for you, like it is for me, I encourage you to write your congressmen and senators now and let them know how you feel. If you have specific concerns about our state government and its priorities, contact your state legislator and senator and let him or her know. You can make a difference at any level

of government if you just take the time to pick up the phone or set a pen to paper.

Which brings me to CSI!!! The Products Fair Committee, chaired by Gordon Van Atwerp could use some help. Actually, Gordon has been very kind to have taken on this task for four consecutive years and has semi-officially let me know he wishes to step down from it after this year. We really would like to hear from someone who would help out this year and step in to head up the Products Fair for next year. Gordon has it down to a "science", but I wouldn't kid anyone as to the task at hand. However, as a service to our industry and the major source of revenue for our chapter, the Products Fair and its continued success is of paramount importance to our chapter. Please contact me or John Lape if you have any interest.

*Happy  
Holidays*

*Best wishes  
on the New  
Year*

**BS BY KS**



*A roofing system to prevent leaks and liquidated damages?*

**BASIC SPECS BY KEN SEARL**

It seems to me it is about time for a discussion regarding Liquidated Damages. My firm has never been a strong proponent of writing a contract with liquidated damages. We do occasionally have a client that wants or insists on liquidated damages. If one does truly believe liquidated damages is a proper way to go then let's not go with small amounts like \$250 a day up to \$1000. Make it big enough that it will be effective.

You may ask what is big enough? \$5,000 to \$10,000 per day or more depending on project cost. I remember we had one project with a good sized construction firm and work was getting behind (liquidated damages were \$250 a day). Upon investigation it was discovered that this contractor had several other projects under construction with liquidated damages. Two of them at \$5,000 and two at \$10,000 daily. It became obvious why our project was going slower than anticipated.

*You may ask what is big enough?*

What a lot of owners don't seem to realize is if one calls for liquidated damages in small amounts then this can work against them. If one does collect liquidated damages, one can only collect what is shown in contract agreement. It is far better to not list any liquidated damages but be sure to show either a completion date or an amount of calendar days. There's a legal issue here about actual damages. Comparable to time issue, they must be reasonable. What this amounts to is if an owner can show actual costs each day project is not completed, then either mediate, arbitrate or go to court.

In past experience arbitrators and courts tend to award documented losses which may amount to ten times more than a small daily amount as listed under liquidated damages in contract documents.

It is noted that a contract with a liquidated damage clause can cause a pile of additional paper work that most folks could do without.

I wonder if the people that always want small liquidated damages have ever given it consideration as outlined above.

Mark Pavic CSI announced that his company, the largest manufacturer of rollformed steel building products in the Western United States, is in final stages of developing a Certified Installer Program.

This program, will provide a weather-tight guarantee for their products installed by certified installers specifications. Mark believes that owners and architects would be much more inclined to specify steel for roofing projects if a guarantee was included. Presently, only extended guarantee available on this type of product is for certain coatings up to 20 years. It is my understanding this program will commence soon in the Seattle area on a fastener roof system.

Ken Searl, FCSI, WEGROUP  
Architects & Planners



## September Meeting Report OMSI: The Tour!

On September 15, 1992, Portland CSI had its first meeting of the 1992-1993 year at the new Oregon Museum of Science and Industry. Six weeks before the facility opened, we saw and heard about the project in construction. More than 175 people took the tour, and 150 gathered afterward at Atwater's for dinner.

It all started with **Lee Kilbourn**. Freshly returned from a CSI tour in Seattle, Mr. Kilbourn proposed a tour of OMSI. He wanted an informative format, where participants could learn about what they were viewing on the tour. **Jody Moore, Jim Rother and Don Peck** of the program committee worked to organize the event. Through numerous obstacles, Lee supported the program until all parties agreed to allow the evening meeting in the uncompleted OMSI while staff were starting a hectic move-in. Six groups made the rounds to 14 subcontractor/supplier stations and 3 OMSI stations where they heard about the product they were looking at, why it was selected for the project, and what was special about it. While there were many more subcontractors and CSI members who participated in this project, the educational stations were selected on the basis of accessibility for viewing and special applications.

**Carson Bekooy Gulick Kohn** discussed the building's mechanical design which uses water from the Willamette River in the heating and cooling system. **Mel Palmer of Montgomery Elevator** showed the glass elevator in the Turbine Building. **Teufel Landscaping** talked about the special water biofiltration system that captures water from the parking surfaces and waters the landscape. **Don Walton of Modernfold** showed us the operable walls in the auditorium. **Mike Dyer of Woodlam and Hall McBride of McBride Sheetmetal** displayed photos of the Omnimax wood and copper dome during construction.

**Gunnar Forland of Ceiling and Interior Systems Supply** explained the ceiling system. **Greg Seeley of D.E.L. Distributing** showed the use of expansion joints. **Dan Rogers and Bill Krueger of Harmon Contract** explained

the curtainwall and glass design. Custom tile designs in the bathrooms were shown by **Ann Parker of Pratt and Larson**. **Fred Chown and Ron Kemp of Chown Hardware** discussed the door hardware and compliance with ADA throughout the project. **George Milne of LC Pardue** pointed out the custom brick manufacturing process that the architect created and how Pardue accomplished it with innovative brick design. **David DeAntonis of DeaMor Associates** displayed a sample of the custom glazed entry canopies which they were starting to install. **Anthony Bevis of DeaMore Associates** discussed the lobby pyramid skylight.

In addition to the subcontractors and suppliers, **Rick Shannon, OMSI Creative Director**, explained the water exhibit in the Turbine Building; **Peter Sampson, OMSI Omnimax Director**, gave an overview of the Omnimax theater; and **Rod McDowell, OMSI Facilities Manager**, discussed the use of the exhibit halls on the second floor. Tours were guided by **Frank Berg, Milstead Associates**; **Rich Birch and Mark Fletcher of Koll Construction**; **Erkki Ojala, Zimmer Gunsul Frasca project architect**; **Don Peck, Colamette Construction**; **Mike Beeson of Exterior Technologies**; and **Jody Moore of DeaMor Associates**.

Special thanks for making this event possible must be extended to **Michelle Marquardt, OMSI Public Relations director**; **Koll Construction, General Contractor**; **Milstead & Associates, Construction Manager**; **Rod McDowell, OMSI Facilities Manager**, who helped organize the event, recruited OMSI personnel, as well as participating on the tour; and **Larry Bruton, Zimmer Gunsul** (continued on Page 5)

**CSI  
PORTLAND  
1992-1993  
CALENDAR**

**12/8**  
CSI Dinner  
Meeting  
Tuesday  
Holiday  
Celebration with  
the Dicken's  
Carolers

**1/12**  
CSI Dinner  
Meeting  
Tuesday  
Economic  
Outlook for 1993

## October Meeting Report

### "An Evening with an Environmentalist"

Andy Kerr of the Oregon Natural Resources Council presented a very interesting and thought-provoking talk to 72 members and guests at our October meeting. Mr. Kerr opened his remarks by noting we are in an economic transition when it comes to our forest practices. An ancient forest was defined as a forest with trees 200 years old and older, with trees 400 to 600 years old common. It is multiple canopied with a wide variety of species. There is approximately ten percent of virgin (ancient) forest left in the Pacific Northwest. Andy noted for contrast consider what you see in a reforested area a plantation of trees. All single species planned for harvest in 40 to 80 years from the date of planting.

Mr. Kerr continued with some interesting statistics and facts:

1. The Pacific Yew tree, with its taxol, has always been considered a "weed" tree by the forester. It is found almost exclusively in ancient forests. The taxol treatment for cancer is a very recent discovery and suddenly the "weed" tree is very valuable and takes on a new air of importance. It is not found in reforested areas.
2. Approximately 1/3 of the world's pharmaceuticals come from plants.
3. From 1980 to 1990 the board footage of timber cut went up 17% while employment in the timber industry declined substantially. The culprit - automation of the mills. In an older mill it takes 2/3 of a log truck load to produce one job; in a newer automated mill it takes two truck loads of logs to produce one job.

4. Environmentalists are really lousy to party with

Mr. Kerr spoke of the importance of the ancient forest with respect to water quality. This aspect of the ancient forest takes on very important meaning of the citizens of Portland and surrounding areas when addressing logging in the Bull Run water shed. In addition, the impact of the forest on the water quality of streams for fish and specifically salmon runs are just now beginning to be looked at and understood.

Mr. Kerr concluded his comments by noting that "environmentalists tend to take a longer point of view - what is going to be here (on Earth) for the next generation or the next or the next ....." Mr. Kerr urged everyone to consider what we have seen in our lifetime and consider the decisions we have to make concerning our use of the natural resources and the impact to our grandchildren and great-grandchildren, as well as the economic impact on our generation.

### *OMSI Meeting (Continued)*

**Frasca**, who helped in our lobbying efforts and believed in the educational tour as "what OMSI is all about." And, of course, thanks to **Lee Kilbourn**, without whom it would never have happened. Back at Atwater's, we had a delicious buffet dinner and heard from **Mr. Larry Bruton, the partner in charge of the project for Zimmer Gunsul Frasca**. He shared his unique insights about the progression of the design, working with OMSI, and the importance of this project to Portland and eastside development. It was a great way to start the new year, and we encourage all of you who have not seen the building to visit OMSI with your friends and families. Not only is it a fine Museum of Science and Industry, it also stands out as a unique piece of Portland architecture.



**PORTLAND CHAPTER C.S.I.  
BOARD OF DIRECTORS  
MINUTES OF October 6, 1992 MEETING**

The meeting was called to order by President-Elect John Lape at 12:04 p.m. at the new AIA/CSI office.

**PRESENT:** Brown, De Clerck, Heiserman, Hymes, Lape, Largent, Obert, Totten, Watson.

**ABSENT:** Hirte, Josi, Kuykendall.

**ALSO PRESENT:** Lee Kilbourn, Ken Searl, Paul Wilson.

**Discussion**

**1. Approval of Minutes**

Minutes of the June 1, 1992 Board of Directors Meeting were approved as read.

**2. Treasurer's Report**

A current balance for both the checking and savings accounts given along with expenditures for September.

**3. Correspondence Reports**

An update of The Chapter's Operations Guide was presented by Ken Searl. Ken stated this was a working Operations Guide but it does need further refinement and information. Your comments are welcome.

**4. Business Items**

**1. Old Business**

a. John Lape will not attend the upcoming Leadership Conference in Nashville, Tennessee. John felt the benefits was not worth the cost to The Chapter.

b. The CSI Northwest Region Conference was held in Victoria, British Columbia on October 1,2,3,. Twenty three people from The Chapter attended the Conference. An Ad-Hoc committee was formed to develop input to improve the Region Leadership conferences. Ken Searl felt that Co-Chair's need to participate in the Leadership Conferences.

**2. New Business**

a. Reservations for the monthly meeting are to be made by calling The Chapter office. This change will be noted in next

month's issue of The Predicator

**5. Committee Reports**

John Lape, Director

**1. Technical Documents**

Chair: Jim Wilson

a. Continuing to meet with the City of Portland helping to develop procedural issues.

b. The Institute has responded to the Spec-Guide submitted by The Chapter. It was noted that one of the changes was to include Metric designation.

**2. By-Laws**

Chair: Ken Searl

a. The Institute has acknowledged the submittal but has yet accepted By-Laws submitted by The Chapter.

Becky DeClerck, Director

**1. Finance**

Chair: Becky De Clerck

a. John Lape presented a copy of another Chapter's accounting statement obtained at the Region Conference. Becky will investigate the feasibility with The Chapter's computer software system.

Rick Heiserman, Director

**1. Membership**

Chair: Lee Kilbourn

a. The Chapter's current membership is 296 as was reported at the Region Conference.

**2. Subcommittee: Hospitality**

Chair: Jim Rother/Inga Carstanjen

a. It was felt that computer printed name badges was better at the monthly meetings than the traditional name tags. Lee Kilbourn will try printing badges again at the next meeting.

**3. Subcommittee: Share Group**

Chair: Paul Wilson (Specifiers)

a. A discussion about elevators was held.

John Watson, Director

1. Education

Chair: Dennis Obert

- a. A meeting on October 22 will be held to discuss the objectives of the Education Committee and to tie into the objectives outlined by Institute.
- b. An IDP seminar was held to discuss Sheet Metal and Access Control. There were 13 in attendance.

Corwin Hymes, Director

1. Orientation Meetings

Chair: Inge Carstanjen

- a. There will be a meeting prior to the monthly meeting for new members. Selected Board members will speak at this meeting.

Skip Brown, Director

1. Publication/Predicator

Chair: Gunnar Forland

- a. The October issue was distributed to The Board. It was noted that the Volume should read 32 not 33.

2. Certification

Chair: Skip Brown

- a. A CCPR exam will be given this year for manufacturer's representatives. First meeting was held October 3. Skip Brown discussed the new exam.
- b. The Manual Of Practice has been revised by Institute. It was noted that there is a CDT module and modules for CCS and CCPR.

Ray Totten, Director

1. Awards

Chair: John Kehrl

- a. A request was made to have John Kehrl attend the next Board meeting to discuss future awards.
- b. Chevron pins for Chapter members will be given. Rick Heiserman will investigate cost and quantities for the next Board meeting.

1. Calling Group - Roy Josi

Chair: Roy Josi

- a. A committee has been established and members are being called.

Jim Hirte, Director

1. Programs

Chair: Jody Moore

- a. Awards not given to Chapter members in June because they were not at the meeting will be given at the October meeting.
- b. 149 people bought dinner tickets at last months meeting.

**6. Next Meeting Date**

- 1. Next meeting November 3, 1992
- 2. Meeting was adjourned at 1:01 p.m.

Respectfully submitted by, Richard Heiserman



## THE GLOBAL ENVELOPE

23 Portland Chapter members attended the 29th Region Conference:

John Lape (President Elect), Dennis Obert (Past President, President's stand-in), Education Chair), Margie Largent (Chapter Executive Director), Dale Kuykendall Chapter Director), John Watson (Chapter Director), Lee Kilbourn (Membership), Jody Moore (Programs), Linda Bowman (Region Newsletter), Joe Maliszewski (Region Membership Chair), Ivan McCormick (Region Technical), Les Seeley (Institute Planning), Bob Klas (Institute Specifications '92), Gordon Shelmerdine (Region Awards), Jim Wilson (Technical Chair), Dick Gira, Mary Hutchins, Jack O'Brien, Dennis O'Keefe, Jim Rother, Ken Searl, Inge Carstanjen, Paula Seeley, and Jim Ferguson.

Victoria is always a pleasure to visit and this time M.A. Hutchins, Inge Carstanjen and I visited the Craigdarroch Castle - to see the Povey stained glass windows - designed and made in Portland by the Povey Brothers, (related to Polly Povey Thompson (Architect). The architect for the 1887 castle was a Portland architect.

Kathryn Gearhard, chair of the conference, deserves an award for the excellent conference - and especially for the program book outlining the conference, hotel plan, conference activities, points and things of interest and a centerfold map of Victoria.

The roundtables were well attended. The Friday a.m. presenter, Roger Williams, AIA, "Western Style Housing in Japan" gave a viewpoint of cultures and construction differences that tied in with the conference theme as did the afternoon seminars - "Architectural practices in the emerging countries of Asia" by Bill Karst, AIA, and "Do's and taboos of International Etiquette" by Randi Freidig.

Randi's presentation made us all more aware of our "lax" to non-existent expressions of "proper" behavior and social etiquette. Ugly Northwest Americans?

Saturday brought "Specifying for overseas projects" by our Canadian member, Don Thomas. If you had attended the '84 Region Conference in Victoria you would have recognized several of our Canadian peers, counterparts, specifiers, friends, etc., who were either presenters or listeners in '92.

The Saturday evening banquet was a nice conclusion to a good conference. Our Mary Alice received a Director's Citation from Sandi Velleca for her Continued Service to CSI. Mary Alice is CSI member #97 (there is an unconfirmed rumor of the first 100 members being a "Founders Club.") Sandi has determined that only one other member in the first 100 is still a member of CSI. Sooooo we have either the first or the second only member of CSI in our Chapter and Region.

The program book outlines the 1993 Conference to be hosted by Cook Inlet Chapter and it is to be a Cook Inlet affair from one end to the other (of Cook Inlet) - Anchorage, Kenai, Homer and back to Anchorage - sometime in September, 1993.

Reporter: M. Largent

## CDT/CCS/CPR CERTIFICATION 1993

'93 will be an exciting year in the certification programs.

The **Construction Document Technologist (CDT)** program is an introductory educational program intended for all members of the construction industry. The CDT exam for '93 remains essentially unchanged from last year. Candidates may study from either the new *Manual of Practice (MOP) Construction Documents Fundamentals & Formats Module* or last years' edition with all updates through April 1992, plus the published general conditions AIA A201-87 or EJCDC 1910-8, 1990 edition. Application fee for the CDT exam is \$85 with a deadline of January 15, 1993.

The **Certified Construction Specifier (CCS)** program has been revised to better reflect job specific skills of the construction specifier. CCS will focus on knowledge, comprehension, and ability to apply the principles described in the *Construction Documents Fundamentals & Formats Module* and *Construction Specification Practice Module* of the *Manual of Practice*, plus the published general conditions AIA A201-87 or EJCDC 1910-8, 1990 Edition. Application fee for the CCS exam is \$100 with a deadline of December 15, 1992.

The first **Certified Construction Product Representative (CCPR)** exam will be given on April 3, 1993. This program is directed to the construction product representative with five years experience assisting design professionals in the use of construction products and preparation of guide specifications. The certification examination will evaluate the candidates knowledge, comprehension, and ability to apply the principles recommended by CSI in the new *Construction Documents Fundamentals & Formats Module* and *Construction Product Representation Module* of the updated *Manual of Practice*. Application fee for the CCPR exam is \$100 with a deadline

of December 15, 1992.

### Revised and new requirements for CCS/CCPR:

1. The CDT examination is a prerequisite. This means that the candidate must pass the CDT examination before qualifying for either the CCS or CCPR examinations. It is strongly recommended that candidates take a multi-year approach to obtaining their CCS or CCPR certification by taking the CDT examination as soon as possible in their career.

2. Although not recommended, candidates who have the required experience may take both the CDT and CCS or CCPR exams at the same time. Passing the CDT exam will allow grading of the CCS/CCPR exam. However if the candidate fails the CDT exam the CCS/CCPR examination will not be graded and the application fee is forfeited.

3. Another change which affects the CCS examination is the elimination of the multiple choice portion (the old part 1 or CDT portion) of the CCS exam. The same topic areas previously evaluated by the multiple choice portion will still be evaluated but at a more in-depth applied knowledge level.

### Revised Manual of Practice (MOP)

The *Manual of Practice* has been reorganized and expanded into three separate modules:

*Construction Documents Fundamentals & Formats*  
*Construction Specifications Practice*  
*Construction Product Representation*

These modules will be available for purchase in individual units for exam candidates and for all members interested in updating their MOP's.

#### Instruction Classes:

Classes in preparation for these certification examinations will occur beginning early in February 1993 (at minimum cost, a schedule is being developed). For more information about these programs and classes contact David R. Brown III CCS at 503 / 224-3860.



**Portland Chapter Leaders - 1992-1992**

President -  
 Jim Hirte, CDT 620-0106  
 President-Elect -  
 John Lape, CCS 243-2837  
 1990-91 President -  
 Dennis Obert, CCS 245-7802  
 Secretary -  
 Rick Heiserman 223-1184  
 Treasurer -  
 Becky DeClerck, CDT 297-1836  
 Executive Director -  
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Awards  
 John Kehrlie 644-7102  
 Certification  
 D.R. Brown, CCS 224-3860  
 Editor  
 Gunnar Forland, CDT 223-9318  
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 Publications  
 Linda Bowman, CDT 485-7618  
 Technical  
 Ivan McCormick, CCS, CSI 292-3958

**Region Directors**

Jim Cheney, CDT  
 McKenzie Commercial Cont. Inc.  
 865 W 2nd Avenue 343-7143  
 Eugene, OR 97402  
 Sandi Velleca, CCS  
 Arctic Slope Consulting Group  
 301 Danner Ave., Suite 200 (907)349-5148  
 Anchorage, AK 99518

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$30, total investment \$160. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn FCSI, 315 SW 4th Avenue, Portland, OR 97204.

**The Predicator**

315 SW 4th Avenue  
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 SEASIDE, OR 97138



# The Predicator

Advancement of  
Construction Technology

Portland Chapter - The Construction Specifications Institute

Vol. 32 No. 5

January, 1993

**Dinner Meeting:**  
January 12, 1993  
at the US Bank  
Tower, Floor 41.

New Member  
Orientation, 4:30.

Meet your  
colleagues for a  
no-host bar at  
5:30 pm; then  
dinner at 6:30.

**Technical  
Seminar:**  
January 13 at  
ZGF, 320 SW  
Oak, Floor 5,  
12 noon to 1:30

The cost is \$7.50  
per person for a  
box lunch.

Please make  
your  
**reservations by  
noon on Friday,  
January 8**  
for both the  
dinner and the  
lunch seminar  
by calling the  
association office  
(503) 223-8231.

## A GLASS ACT

Glass breaking has an unforgettable sound. And when you see it broken, the words "Tempered," "heat-strengthened," "annealed," "laminated" and "wired" glass all have a different meaning.

Strength and breaking characteristics of glass is only one topic that will be graphically demonstrated at the January CSI meeting. **Mr. Steve Nelson, president of Northwestern Industries (NWI)**, will join us from Seattle to discuss both vertical and overhead glass. NWI is one of the largest fabricators of flat glass on the west coast. Steve has been pioneering glass products since the early 1980s. He participated in the first skylight glass testing done for Portland and has presided over the addition of new processes at NWI including laminating, spandrel, silkscreen coatings, and advanced technology insulating.

At the January meeting and technical seminar, you will find out:

Why the trend in glass design is moving away from reflective glass—and how improved coating technologies are creating better products.

The difference between a Shading Coefficient and U-value, and the relevance they each have to energy standards.

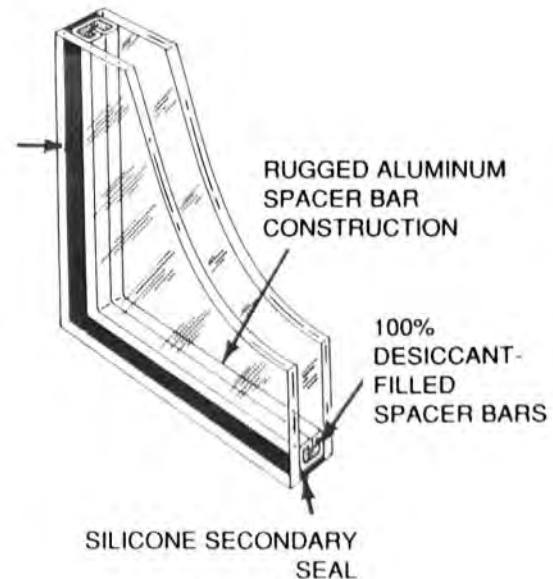
How to get a 10-year warranty on insulated glass, and why every insulated product doesn't have the same warranty.

If anyone can guarantee zero glass breakage, and whether you can get a warranty to replace broken glass without charge.

In addition to breaking glass, Steve will bring his devices for measuring heat transfer and emissivity. You will see samples of exciting laminated glass

products with Cesar Color's precision custom printing on polyester Mylar, silkscreen patterns, Low-E glazing, and new generation tinted glass.

At the technical seminar follow up on Wednesday, January 13th, Steve will review a checklist for specifying glass including: strength for resisting snow and wind loads, solar characteristics of the glass, applied coatings, and silkscreening. He will also give guidelines on quality assurance for insulated glass with relevant test references.



**NEXT  
MEETING**

**TUESDAY  
JANUARY 12, 1993**

**ATWATER'S  
RESTAURANT  
US BANCORP  
TOWER  
41ST FLOOR**



## The President's Message



**Jim Hirte, CDT, President**

successful contractors measure their success by satisfied clients and repeat business, and would not consider the differential in the liquidated damages between two projects as a reason to concentrate management efforts.

I will not be able to attend our Chapter meetings in January or February. My wife is "dragging" me off on a Caribbean cruise and then three weeks in Hawaii to celebrate our 25th wedding anniversary. Our March meeting will be a slide show of our trip (just kidding!).

## NEW MEMBER ORIENTATION

The Portland Chapter of CSI is conducting a new member orientation on January 12, 1993 at 4:30 pm (prior to the regularly scheduled dinner meeting).

We will meet in a private meeting room on the 30th floor of the US Bank Building, 111 SW 5th, Portland, Oregon.

Please come and meet the Portland Chapter officers and committee people and receive your membership pin.

This meeting is for the non-oriented or dis-oriented only.

Call me at 635-6227 and say you'll come!

*Inge Annelise Carstanjen  
Chair*

*Happy New Year*

I hope you all had a wonderful Christmas and that the New Year brings satisfaction and happiness. I personally think it will be a pretty good year for all of us, as the overall attitude about the economy seems to be improving.

*Eye catching liquidated damages can make Jim go buggy-eyed.*

Ken Searl's *BS by KS* column in the December issue brought several thoughts to mind. First of all, in the 13-plus years that I have been a principal in my firm, we have never been assessed liquidated damages and only once have been "threatened" with them. Further, we have never been sued or involved in a lawsuit of any kind, nor have we been involved in arbitration or mediation. It has always our opinion that we are hired to do a job. We know, when we sign the contract, the terms and conditions of that job and we will do everything in our power to do that job as we have contracted to do it. There are always stumbling blocks along the way, but if they are faced head-on at the time, all problems can be worked out. Liquidated damages to me set a negative attitude of cooperation from the beginning. They invite the "I'm going to cover my \_\_\_\_\_ at all costs scenario."

*See also article by John Baker, CSI, on page 6.*

Now, I will admit, Ken, that a liquidated damages clause with significant dollars will certainly get my attention. We constructed one project last year where the liquidated damages were \$20,000.00 per calendar day for late completion. Needless to say, we went buggy-eyed when we first read it. Then we analyzed very carefully the risks we faced and the realism of the completion dates. We then went to the engineer and owner and discussed the liquidated damages clause. Once we all understood the owner's real needs, we were able to work towards those specific needs and make the project workable and satisfactory to all.

*C.Y.A. Management*

*Aloha and Happy Anniversary*

So, yes, Ken, significant liquidated damages do catch our attention! But, I can assure you that most



## BS BY KS



### Basic Specs by Ken Searl

Last month I received a copy of "Lemon Lines" published by Lemons Millwork of Albany, Oregon. First item was entitled "WHAT MAKES A PROJECT SUCCESSFUL?" It is a very interesting bit of reading and bears repeating as follows:

*Our definition of a successful project is one that has been concluded to the satisfaction of the owner and completed at a fair profit, while leaving all members of the construction team looking forward to the next opportunity to work together.*

*The fundamental reason why a project is successful is the absence of adversarial relationships among the team members. Adversarial relationships can be avoided if the owner, architect, builder and subs all bring a cooperative spirit to the job. More specifically, the architect who, early on, establishes the expected level of quality, the superintendent who energetically oversees subs and quickly addresses problems, and the sub who respects the work of other trades are all contributing to a cooperative spirit and a successful project.*

*In addition, the importance of including reasonable profit in a bid cannot be over emphasized. The general or the sub who knows going into a job that abiding by the construction documents and trying to make a profit will look for corners to cut, and consequently, will undermine the team spirit.*

*If all parties buy into the teamwork concept and conscientiously work toward the common goal, the result will be successful projects that are rewarding in every sense.*

It is noted that this goes along with AGC's Partnering Concept which, in general, I truly believe is a very good concept. What they both are saying in a sense is: don't try to whip any members of a construction team, just join them and work out a solution to a problem without making it into federal case.

In November several of our Portland Chapter CSI members attended a roofing program hosted by Carlisle Single Ply Roofing Systems. During program discussions, one rascal named Larry Chew,

CSI, asked if wind speed and Factory Mutual I-60 and I-90 ratings had any correlation. This really opened up quite a lengthy discussion. In fact, our last speaker had to really rush his speech to get done in time for lunch. Please note Old Ken isn't Portland Chapter CSI's only rascal.

I will try to explain just what both wind speed and FM I-60 and FM I-90 ratings cover. FM's I-60 and I-90 wind uplift ratings do not correspond to any specific wind speed. Even though membrane roof systems have been specified to meet certain FM ratings and Underwriters Lab's wind uplift standards for several years, they shouldn't have included UL wind speeds. There still seems to be much confusion and misunderstanding concerning these subjects.

Simply put, a roof system is subjected to a test and positive air pressure is exerted on the sample from the underside of the test apparatus. Test pressure starts at 30 psf, which is maintained for one minute. If a tested membrane withstands a pressure load of 60 psf for one minute it is rated at FM I-60 and, likewise, if it withstands pressure for one minute at 90 psf, then it is rated at FM I-90. The "I" part of these tests indicates the membrane test specimen passed all other tests including resistance to fire.

In essence, wind speed does not normally refer to membrane roof systems and, consequently, UL wind speed should not be specified with FM I-60 and I-90. As you are probably aware, this is not a simple subject. It is noted that some membrane roof warranties do cover wind speeds. I have seen figures such as 60, 72, and 100 mph. Most 100 mph warranties have additional securement and probably cost more.

*Ken Searl, FCSI  
WEGROUP Architects & Planners*

*Lemon Lines*

*Don't turn a simple project into a federal case.*

*Fellow rascals unite!*

*Ken referees FM vs UL.*



## ICBO NOVEMBER 1992 MEETING REVIEW

Our thanks to Jerry Barbera, PE, of the **International Conference of Building Officials** and Walter Friday, PE, of the **Oregon Building Codes Agency** for reviewing some of the upcoming changes we can expect when the 1991 Uniform Building Code takes effect in Oregon on January 1, 1993.

As many of us knew, one of the largest areas where changes will be coming is in Chapter 31 for Handicapped Access. While everyone hoped some of their questions about the requirements of the new Americans with Disabilities Act would be answered by the new Code, it sounds as if there will still be questions of interpretation regarding the ADA. Certain Federal standards will be different than those called out in the UBC, so everyone will have to research which standards are appropriate for their project.

Included in the 1991 Edition of the UBC are new occupancy groups which are going to make it easier to accommodate day care centers in buildings over one story, as well as in other mixed-use buildings. Some of the other areas which were covered were:

Guardrails will soon have to prevent a 4" sphere from passing through them instead of the current 6" sphere.

Corridor doors on dead-end corridors will need to be 45 minute rated assemblies, instead of the 20 minute rating required for the balance of the corridor.

All corridor relites will have to be 3/4 hour listed and labelled assemblies.

One of the more helpful pieces of information we all received was information about the new Oregon Amendments to the 1991 UBC. This will be available by the time this report is published so all of us can begin our own sojourn through the rules that guide us!!!

*Jim Rother, CSI*

## SPECIFIERS' SHARE GROUP

The Specifiers' Share Group meets at noon on the second and fourth Wednesday of each month, normally at ZGF. Any CSI member who selects and/or documents selections of construction products and systems is invited to take part.

If interested, contact Paul Wilson (242-0123) or Ken Searl (223-1181).

## 1993 REGION CONFERENCE

### Cook Inlet Chapter CSI

Invites you to South-Central Alaska for:

### "A View from the Roads End"

Come visit Anchorage and tour the world-famous Kenai Peninsula with us.

September 9—September 12, 1993

The Construction Specifications Institute  
1993 Northwest Region Conference

Thursday, Regal Hotel,  
Anchorage, Alaska  
Friday, Kenai Princess Lodge,  
Kenai, Alaska  
Saturday, Lands End Resort,  
Homer, Alaska

(Tour bus transportation provided.)

## CSI JUNE AWARDS PROGRAM

at the new

Skamania Lodge  
in the Columbia Gorge

Friday, June 11, 1993

See and experience the new Skamania Lodge for the first time when CSI holds its annual Awards Dinner and presentation. Not only will we be honoring many of the longstanding CSI members and installing new officers, but we will have entertainment as well.

We will also have a nine-hole golf scramble on the new Skamania Lodge course, starting at 1:00 pm on Friday.

Information on lodging, reservations, transportation, and other items will appear in coming issues of The Predicator. Plan for a great meeting and a great excursion.

*How much will the 1991 UBC help in meeting the demands of ADA?*

*Day Care Centers: More generic and easier to accommodate in multi-story buildings.*

*New Guardrail Standards*

*Participate in a Share Group*

## NEW CHAPTER DIRECTORY PLANNED

*Expanded Member  
Directory offers  
expanded  
opportunities.*

A plan to produce an expanded and updated chapter directory for the next three years has been approved. This directory will now be produced annually. The Board of Directors recently accepted with enthusiasm a proposal from Performance Publishing Inc., a local firm. Performance Publishing will produce and publish the 1993 Portland Chapter CSI Membership Directory and Specifiers guide. (Board approval 12/8/92.)

Plans for the new directory include a cross reference section that will allow members to locate each other by member name or by company name. Also new this year will be inclusion of advertising in the classified section. This will allow industry members to provide more information about specific products and should encourage better communication among members. Lee Kilbourn, Membership Committee Chair, was chosen to act as liaison with Performance Publishing. Lee strongly commends this effort to all CSI members.

Performance Publishing was chosen to produce the new guide based on their experience and a proven track record of quality products delivered on time. They are the publishers of the AGC annual directory and buyer's guide.

If you have an interest in representing your products or services in the new directory, please contact Randy Klein or Greg Belair at (503) 684-0390. They will be working with advertisers during the month of January and part of February. The new directory is scheduled for distribution at the April 29, 1993 Products Fair.

## THE REAL WORLD

*by Ed Loy  
· Lemons Milwork*



## CALENDAR ITEMS

January 11—  
Product Rep Share Group

January 12—  
Dinner Meeting  
Class  
New Member Orientation

January 13—  
Noon Tech Seminar  
Class

January 15—  
Sign Deadline for CDT

February 9—  
Dinner Meeting

April 29—  
Product Fair

**CCPR DEADLINE  
FOR SIGN UP HAS  
BEEN EXTENDED!  
You may now sign  
up through  
January 15, 1993**



## WHY YOU SHOULD COMPLY WITH CONSTRUCTION CONTRACT NOTICE PROVISIONS

Failure to  
comply often  
results in...

Most construction contracts and subcontracts require timely written notice of claims for delay, extra work, or default. Parties to the contract are entitled to rely upon receipt of these notices. Failure to comply with the notice provisions often results in a reduction or disqualification of otherwise valid claims.

Notices serve  
protection and  
communication.

Notice requirements protect the party entitled to receive the notice from exposure to unanticipated liabilities. A claimant cannot accumulate a mass of past minor grievances to inflate legitimate claims if a dispute arises.

See also  
President's  
Message, page 2.

Besides this protection, notice of claims can benefit the working relationship of the parties under the contract. Construction contracts require much cooperation and coordination. Often, if one person interferes with the other, the person does so unintentionally. Communicating problems early creates the opportunity to change course and avoid harm, or if the harm cannot be avoided, to reduce it.

John H. Baker,  
AIA, CSI

Courts and arbitrators recognize this benefit and, in cases where the failure to give notice does not bar the claim altogether, will reduce the claim to account for damage that would have been avoided had it been communicated. Contractors, subcontractors and project owners should review the notice provisions in any contract carefully and communicate notice requirements to their project team.

When estimating construction contracts, consider the value of notice requirements. When drafting notice requirements, consult with an experienced construction attorney to assure the language will have its intended effect. Then comply with contract notice provisions to facilitate communication, performance, and full compensation.

*John H. Baker, AIA, CSI  
Reprinted with permission from  
Bolliger Hampton & Tarlow Newsletter  
"Off the Record"*

The newsletter this month was typeset by Gayle Vrla, professional word processor and desktop publisher. Gayle's phone number is 289-7158 if you have need of this type of service and would like a quote.

## EMPLOYMENT OPPORTUNITY

Growing Alaskan Architectural firm is seeking an experienced specification writer. Minimum qualifications: Architectural registration, Certified Construction Specifier, computer literate and able to edit own text, familiar with Spectext, three years actual specification writing minimum. Familiarity with cold climate design criteria a plus. Duties include: maintaining product literature library of over 500 volumes, preparation of outline and construction specifications.

Located in Anchorage, the center of culture in Alaska, with offices conveniently located downtown. The firm provides design service for a wide range of project types. Projects, located throughout Alaska, range in size from small facility upgrades to multi-story hotel and commercial buildings.

Opening beginning in January 1993, salary negotiable. Contact Larry S. Cash (907) 258-7777.

PORTLAND CHAPTER CSI  
BOARD OF DIRECTORS  
MINUTES OF MEETING  
November 3, 1992

The meeting was called to order by President Jim Hirte at 12:05 pm at the new AIA/CSI office. Present: Brown, De Clerck, Hymes, Lape, Largent, Obert, Totten, Watson, Josi, and Kuykendall. Absent: Heiserman. Also present: Lee Kilbourn, Ken Searl.

Discussion: Minutes of the October 1, 1992 Board of Directors were approved as revised.

Treasurer's Report: A current balance for both the checking and savings accounts given along with expenditures for October.

Old Business: Institute has stated that no returns permitted on current issues of MOP. Dennis Obert may be able to use these current issues in his classes.

New Business: Ray Totten brought up certain items in AIA 201 regarding bidding requirements, contracts, etc. with the thought in mind that IDP trainees could attend CCS classes at the time these items are discussed; possibly at no cost. 1993 Region Conference at Cook Inlet Chapter is scheduled for September 9-11th, 1993. It is a traveling style from Anchorage to Homer, etc. and back to Anchorage. Ken Searl asked if the Chapter wanted to continue carrying insurance on the Chapter's computer and related equipment. Motion was made and seconded and approved to continue insurance. Ken stated he would notify insurance company to change address to our new location at the AIA office.

The following committee reports were given: Technical Documents, Chair, Jim Wilson. Continuing to meet with the City of Portland, helping to develop procedural issues; next meeting is scheduled for November 5th. By-Laws, Chair, Ken Searl. The Institute has acknowledged the submittal but has not yet accepted By-Laws submitted by Chapter. Finance, Chair, Becky De Clerck. John Lape, Jim Hirte, and Becky will meet to prepare budget for next year to be presented next month. Becky still investigating the feasibility of preparing accounting statement with the Chapter's computer software system. Membership, Chair, Lee Kilbourn. The Chapter's current membership is 326 per Institute computer printout. Share Group, Chair, Dale Kuykendall (Contractor's). 20 people attended October meeting; will meet Mondays, before CSI dinner meeting. Products Fair, Chair, Gordon Van Antwerp. Discussion was held regarding Products Fair in that it was felt that quantity of professionals should be greater and quality should be broader based. How can these items be improved? Publication/Predicator, Chair, Gunnar Forland. November issue is at printers; expected to mail out tomorrow. Awards, Chair, John Kehrl. Missed due to illness; is expected to return to work on November 8. Chevron pins for chapter members will be given. Rick Heiserman now has information to order pins and will present costs at the next Board meeting. Ray Totten stated that Institute Awards nominations are due soon with Region Awards later. This information should be placed in The Predicator. Also, awards at June meetings need something else besides awards to draw people to this meeting. Calling Group, Chair, Roy Josi. A committee has been established and members are being called. Library,

Chair, Isaac Tevet. No action on Library Committee as yet. Candace Robertson is expected to give report.

Next Meeting Date: December 1, 1992. Meeting was adjourned at 1:02 pm.

Respectfully submitted,  
Richard Heiserman  
Secretary

## PRODUCTS FAIR NOW

Gordon Van Antwerp is again busy preparing for another great Products Fair. The Products Representative Share Group is now forming committees to assist Gordon with promotion and organization of this annual event. All product reps are encouraged to participate in these activities. Please direct your inquiries to William Clark, (800) 845-5900.

This is an opportunity to enhance Gordon's efforts and produce an even more effective and exciting Products Fair in April, 1993.

## TABLE TOPS BACK ON TAP

The January 12 dinner meeting will make the return of table top product displays. Linda Joens, CSI, Trym-Tex Inc., will have product samples and literature available for members and guests attending the dinner meeting. Linda will be happy to answer your questions concerning plastic laminate, floor covering, and related products.

Future table tops will include Midge Johnson, Sherwin-Williams Co., David J. Stewart, David J. Stewart Co., Barry S. Reid, Georgia-Pacific Corp. and Mike Beeson, CDT, Exterior Technology. Product Representatives wishing to participate in the table top program are encouraged to contact the Product Representative Share Group.





**November New Member Orientation**



**Mike Beeson, Kevin Holmund, Don Peck**



**Tom Sageser and Dick Burgess**



**Lee Kilbourn and Mel Palmer**



**Portland Chapter Leaders - 1992-1992**

President -	
Jim Hirte, CDT	620-0106
President-Elect -	
John Lape, CCS	243-2837
1990-91 President -	
Dennis Obert, CCS	245-7802
Secretary -	
Rick Heiserman	223-1181
Treasurer -	
Becky DeClerck, CDT	297-1836
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Margie Largent	620-6573

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Jim Cheney, CDT	
McKenzie Commercial Cont. Inc.	
865 W 2nd Avenue	343-7143
Eugene, OR 97402	
Sandi Velleca, CCS	
Arctic Slope Consulting Group	
301 Danner Ave., Suite 200	(907)349-5148
Anchorage, AK 99518	

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$30, total investment \$160. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn FCSI, 315 SW 4th Avenue, Portland, OR 97204.

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EHMANN - KLAS ASSOCIATES  
8775 E. W. 10TH AVENUE  
BEAVERTON OR 97005

**Dated Material**





# The Predicator

Advancement of  
Construction Technology

Portland Chapter - The Construction Specifications Institute

Vol. 32 No. 6

February, 1993

**Dinner Meeting:**  
February 9, 1993  
at the US Bank  
Tower, Floor 41.  
\$18.00

Meet your  
colleagues for a  
no-host bar at  
5:30 pm; then  
dinner at 6:30.

**Technical  
Seminar:**  
February 10 at  
MicroGrid  
500 N.E. Multnomah,  
Suite 1050,  
12 noon to 1:30

The cost is \$7.50  
per person for a  
box lunch.

Please make  
your  
**reservations by  
noon on Friday,  
February 5**  
for both the  
dinner and the  
lunch seminar  
by calling the  
association office  
(503) 223-8231.

## REVOLUTION IN BUILDING OPERATION

Energy costs have become an increasing percentage of the cost for operating commercial buildings and rising concerns over indoor air quality and chlorofluorocarbons add to that burden. The Lloyd 500 is an example of how an innovative approach turned these concerns into an opportunity for the owner to reduce energy costs by 45%.

On Tuesday, February 9, 1993, **Mr. Paul David, engineer and project manager at MicroGrid**, will present a case study of the Lloyd 500 project, including the process of design and implementation of the renovations that translated into dramatic savings in energy and overall operating costs. Key to the project is a Direct Control (DDC) system which controls lights, heating, cooling and ventilation. A well-designed and installed DDC system provides many benefits beyond energy savings.

MicroGrid takes an integrated approach to energy systems, seeking to meld the owner's goals for profit and sale-ability with energy efficiency. Engineers and architects both work for owners, and MicroGrid sees a real need for energy design to be addressed by the entire project team to align with the owner's priorities. With a "management collaboration" approach, MicroGrid is on the forefront of developing specifications that are constantly changing to keep up with the computers and software that they use in their building systems. Offering complete project management for systems integration, they provide analyses of building energy costs and specific renovations with payback periods, controls

technology, equipment specification and installation.

At the technical follow up on Wednesday, February 10, we will visit MicroGrid's office where Paul will be joined by **MicroGrid president Terry Egnor**. This meeting will give us a look at the details of the building renovation, including light fixtures, the computer interface with 3,500 measured points of the building's interior climate, and the computer program used by MicroGrid. It will also include a discussion on the types of Direct Digital Control systems and when to use them. You will have an opportunity to get answers to your questions about the specifics of this type of renovation, and to discuss with Paul and Terry how to deliver well-designed energy efficiency in your projects.

### ENERGY EFFICIENCY PROJECT GOALS

**No Tenant Disruption**  
**45% Energy Savings or Better**  
**Superior Tenant Comfort**  
**Lighting**  
**Air Control**  
**Space Comfort**  
**Energy Efficiency**  
**Up-dated Appearance**  
**Building Control Options**  
**Excellent Indoor Air Quality**  
**On-Time • On-Budget**  
**Safety**  
**Enjoy Ourselves**

**NEXT  
MEETING**

**TUESDAY  
FEBRUARY 9, 1993**

**ATWATER'S  
RESTUARANT**

**US BANCORP TOWER • 111 SW 5TH AVENUE • 41ST FLOOR**



## The President's Message



**Jim Hirte, CDT, President**

*You picked the right time to leave us, Jimmy!*

*"Information Age"; on target again!*

We have been flying for nearly two hours now and the ground has been white since we lifted off; it sure is pretty! I must admit it is good timing to be heading to a warmer climate for vacation. It was snowing hard as we left the house and was an icy trip all the way to the airport. We are currently entering the west side of Colorado, just beginning to cross the Rockies. As Billy Crystal might say as we view the grandeur of these mighty mountains in their splendor of white, "M-A-R-V-E-L-O-U-S!!!"

For the first time since I have sat on your Board of Directors, we were unable to complete all of our business at the December Board meeting despite extending our meeting nearly thirty minutes. However, we did accomplish quite a bit, including entering into an agreement with an outside agency to produce our membership directory at no cost to the Chapter. In fact, we save ourselves a considerable chunk each year and will receive a high quality, very professional directory. There will be much more information about each chapter member, the firm they represent, and, particularly for the product representative member, much, much more about the projects they represent. Also, there will be the opportunity to advertise firms and products in a publication that reaches your most important customers directly. Those specifiers and architects on the Board are very enthusiastic about the potential organization and use of the new membership directory. They are providing extremely valuable advice to the publishers as to how it should be organized and cross-referenced to make it a very effective tool in helping them find the information they need about products and the experts who represent them.

My personal thanks to **Lee Kilbourn** who will coordinate and assist the publishers in producing the directory. Lee also deserves a mighty **THANK YOU** for the many past membership directories he

has guided through publication.

There are several other issues before the Board which will be of particular interest to many of our members. Please take time to read the minutes. If you want more information or wish to comment, contact one of your Board members. We are **your** Board, elected by you, to represent your views.

Finally, a very, very special **thank you** to **Inge Carstanjen** for stepping forward to assist in the publication of The Predicator. The person we hired to do typesetting, layout, etc. had health problems this last fall, as evidenced by a couple of late issues, and resigned in early December. One of our more gracious members when it comes to devoting time to our Chapter, Inge once again stepped forward and will help us through a transition period of several months. From the bottom of my heart, Inge, thank you for your generosity.

See you all at our March meeting.

Houston ★

**CSI's 37th Annual  
Convention  
and Exhibit**  
June 25-27, 1993  
George R. Brown  
Convention Center  
Houston, Texas



Advancement  
of Construction  
Technology



## BS BY KS



## Basic Specs by Ken Searl

*Kenny gets updated on metal roofing...*

In a recent BS column, I mentioned that one metal roofing manufacturer was developing a Certified Installer Program. **Ron Leiseca, CDT CSI of Don Steder & Associates** of Miami, Florida, sent me a letter regarding my column and made several comments.

Ron stated that, with standing seam architectural metal roof panels being used and specified on a more frequent basis, due to historical longevity and lower life cycle costing, we have a rather strong requirement for extended warranties. He also states that, in Florida, this type of business is very competitive and, at times, an exasperating market. I think a lot of us can relate to that.

He also says that, normally, a basic warranty package in this market is one covering coatings, mainly polymer or Kynar 500/Hylar 5000, which varies from five years to twenty years. Some warranties cover weather tightness for a one-year to a twenty-year period.

Apparently, in Florida, school roofs are most popular with a twenty-year warranty for water penetration, weather tightness and finish for a mean coverage of \$4.00 per square foot on liability non-prorated. Ron gives a warning as follows: *"Be careful what you specify and who you pre-qualify. In this market, we have seen too many 'me-too's who have been approved and bid with sketchy systems and applications and with questionable field supervision and techniques as well as questionable stability."*

I agree with Ron wholeheartedly and point out that this kind of happening can also occur with many other products and systems.

Ron further states that a warranty is not a piece of paper but a commitment to stand behind the product, and the firm must have the policy and financial capability to make it work. Ron goes on to say more about this matter but, as I see it, what is most important is to specify (and this applies to many things other than metal roofing) what is felt best for project and owner. Say what you mean and mean what you say. In some cases, it may be necessary to specify certain firms that you will permit to do the application/installation. Read all the fine print in any warranty and follow up during the construction and warranty period

thereafter. This is a large order but if you want it done right it is necessary.

Some specifiers feel that, due to project budgets, they must let any and most all bid a project. In my opinion this is wrong. Be careful who is allowed to bid products and systems. It is legal, even on public works projects, to specify one product or system if a specifier feels this is needed or necessary. (Some owners have special requirements and may insist on specifying more than one product or system. I usually try to talk them out of it.) Ron further asks whether insurance is an answer and asks for comments.

One thing Ron didn't discuss is that some metal roofing manufacturers fabricate sheet lengths at their facility and other fabricate at the jobsite. Which method is best? In our experience, and it may sound like we are waffling, vacillating or hedging (a specifier never does any of this), the answer is "sometimes yes and sometimes no." From a project standpoint, if the sheets are very long and lots of special cuts are needed, we believe jobsite is best. One must keep a close eye on this method because some scalawags have been known to switch from an approved manufacturer's product to one not approved. However, both methods, to be successful, must have honest and reliable personnel carrying out the work. Another item not mentioned is gutters, downspouts, flashings, and other accessory items. We usually specify that these items be fabricated from the same material and color as metal roofing. If we don't watch closely, some rascals will supply and install standard items—downspouts, in particular—and then paint them with who-knows-what paint material that matches the specified color. One firm did this on one of our projects so that firm is no longer on our approved list.

I certainly thank Ron for his views and concerns. If any of you folks out there would like to make comments, please send them to me and I will see that Ron also gets copies. I am sure Ron will have no objections because I believe Ron is like a lot of the rest of us who want good workable specifications.

*Ken Searl, FCSI  
WEGROUP Architects & Planners*



Attention Chapter Members!

New Member Orientation  
January 12, 1993

The individuals shown here are now officially welcomed and "pinned."

Please make them welcome and acquaint them with your fellow members.

Our next orientation meeting is scheduled for March 9, 1993.

I appreciate the help I receive from board members and chair leaders in helping to make these meetings successful!

Inge Carstanjen



Don Pieschel—Miller Paint



Molly Burns—Attorney



Craig Stockbridge—Designer



Nash Hasan—R.A. Gray Co.



Paul Carpenter—Carlson Roofing Co.



Clair Bartel—Gilonite Coatings Co.



Marty Lundell—Unistrut



Milt Kingsland  
Cenco Architectural Wood



Jack Hudgins—Rodda Paint Co.



Hilary Nally—TNW Northwest  
Margaret Kibbee  
Decorative Metal Services

## CALENDAR ITEMS

February 9—**New Energy System** at Lloyd 500 Building. Speaker: Paul David of MicroGrid, Energy Management System Designers

February 10—**Technical Seminar** at Lloyd 500 Building. Tour the facility to see some of the renovations and MicroGrid's program.

March 9—**Economic Outlook for Oregon** Larry Campbell, Speaker of the House in Oregon, looks into his crystal ball to tell us his outlook for Oregon in 1993.

April 3—**CDT/CCS/CCPR Examinations**

April 13—**Exterior Insulation Finish Systems** Current Technology Major, manufacturers of EIFS will participate in a round table presentation on this product: where it is used most successfully, how to avoid problems and new products.

April 14—**Technical Seminar on EIFS** at Zimmer Gunsul Frasca. A review of specifications, limitations, and details to use and to avoid, and a checklist for coordinating EIFS specs with design.

April 22—**Products Fair** at the Red Lion Lloyd Center Conference Center

May 11—**Going Metric!** Jim Wilson and the Portland Technical Committee will present guidelines for making the transition to metric measurements: in our minds and on our documents.

May 12—**Technical Seminar** on the transition to metric, at the ZGF office.

June 11—**Friday! A special meeting at the new Skamania Lodge** in the Columbia River Gorge. Located just 45 minutes from Portland on Washington Highway 14, the lodge will be freshly completed and ready for our party. We have some great rates for an overnight stay, and a comedian for entertainment after the program. Join in for a real outing as summer begins.

## TABLE TOP DISPLAY

February 9, 1993  
Midge Johnson, Sherwin-Williams Co.  
William Clark, Washington-Alaska  
Roofing Systems

## PRODUCT REP SHARE GROUP

The Product Rep Share Group meets February 8, 1993 at noon at the Construction Data Westside Plan Center. Call William Clark at (206) 253-2392 for details.

## SPECIFIERS' SHARE GROUP

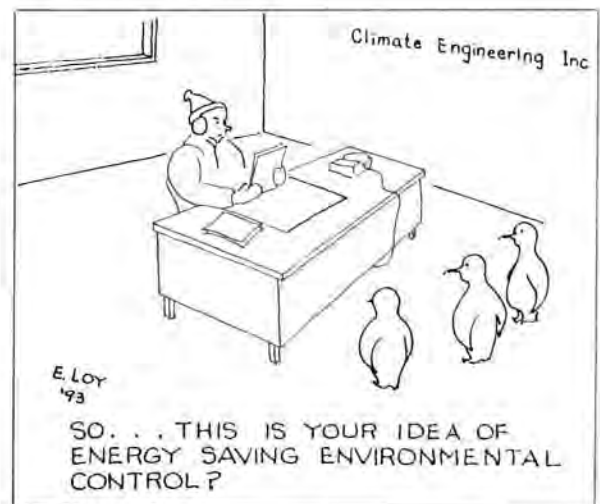
The Specifiers' Share Group meets at noon on the second and fourth Wednesday of each month, normally at ZGF.

Any CSI member who selects and/or documents selections of construction products and systems is invited to take part.

If you are interested, contact Paul Wilson at 242-0123 or Ken Searl at 223-1181.

## THE REAL WORLD

by Ed Loy  
Lemons Milwork





### CHRISTMAS PARTY

The Dickens' Carolers entertained us at the December 1992 meeting. A quartet of two men and two women, dressed in 17th Century costume, strolled from table to table singing our requested Christmas carols. A 30-minute concert followed dinner in which they sang many familiar holiday tunes. We sang along on the "Twelve Days of Christmas," and they followed it with their own hilarious version of the "Twelve Days After Christmas."

The group's vocal quality was excellent, with pleasantly blended harmonies, and their repertoire was complete, including a nice version of "Holy Night" which was sung at Les Seeley's request.

Thanks to **Jody Moore** for coordinating the festivities. The December meeting was a fun time and was a great way to get us all into the holiday spirit!



*Les Seeley and Jim Hirte*



*Jana & Curt Austin and Paula Seeley*



*Laura Hirte*



*Frank Calabrese, Sacramento, California*



*Mr. & Mrs. Ed Charles*



*Perky Kilbourn, Linda Hymes,  
Linda Simonis and Roseanne Gira*



*Mr. & Mrs. Mel Brownawell and John Watson*

PORTLAND CHAPTER CSI  
BOARD OF DIRECTORS  
MINUTES OF MEETING, December 1, 1992

The meeting was called to order by President Jim Hirte at 12:05 pm at the new AIA/CSI office. Present: Brown, DeClerck, Heiserman, Hymes, Lape, Largent, Obert, Watson. Absent: Josi, Kuykendall, Totten. Also present: Lee Kilbourn, Gunnar Forland, Ivan McCormick, Dick Gira.

**Discussion:** Minutes of the November 3, 1992 Board of Directors were approved with revisions. **Treasurer's Report:** A current balance for both the checking and savings accounts given along with expenditures for November. **Correspondence Reports:** A letter was received from Jim Chaney, Director of the NW Region of CSI, stating that the action the Board took in September re Ballot Measures 5 & 6 goes against CSI policy and must be rescinded. Discussion on Jim's letter was postponed until the January meeting. **Old Business:** Jim Hirte presented a revised lease agreement with AIA which had an increase of \$90 per month from one which was presented on 3/2/92. The increase was based on a request to have office space available for Chapter personnel to use. Jim had met with AIA staff prior to this meeting and was told that, if the Chapter did not want the office space, the fee structure from the 3/2/92 proposal would be honored. The Board agreed to the following revisions to the Lease: 1. Proposed use of an office space be deleted and that fee structure from the 3/2/92 proposal be used. 2. Storage space be defined to two four-drawer file cabinets and shelf space 30 inches wide by 60 inches high. 3. The \$30 office cleaning fee will be charged for after hour party-type functions and not for office functions. Jim will modify the current lease and will present it to AIA. **New Business:** 1. A presentation was made by Performance Publications to prepare the Chapter's Membership Directory. This publication would be done on a yearly basis, to include advertisements which they would procure, and the cost of the publication would be borne by Performance Publications. The Chapter would need to present a current roster, how membership is categorized by their trade divisions, and would handle distribution. New membership cut-off date would be February for a 1993 publication. Proposal was for 3 years, with option to extend. An agreement was presented to each Board member for review. Jim Hirte recommended that the Board review their proposal and vote on this issue at a special Board meeting at 5:00 p.m. December 8, 1992. Rick Heiserman will mail this proposal to the absent Board members. 2. A proposal was given to the Board in writing by Gordon Van Antwerp regarding a change in the fee structure for the Products Fair. It was suggested that the base fee of \$450 per booth be maintained and that the discount for early registration and CSI membership of \$50 would be reduced to \$25. The Board expressed the opinion that, due to the demand for booth spaces at the Fair and how quickly registration is reached under the base fee, the CSI membership discount be maintained and that we eliminate early registration. A motion was made by Rick Heiserman and seconded by John Watson to eliminate the early registration and maintain all other fee structure for the CSI Products Fair. Lee Kilbourn posed the question: does membership mean belonging to the Portland Chapter. This issue was not resolved. Motion passed. 3. The Products Reps Share Group made a request to the Board to sell tables at the monthly meetings to those who wish to present their company's product(s) and to make a five-minute presentation. The cost for a table would be \$25 and the funds would be presented to the Share Group. The

Board felt that presentations should not extend beyond a minute and that the money collected should go to the Chapter's general fund. If the Share Group needs funding, they should submit a budget to the Board. A motion was made by Skip Brown and seconded by John Lape to accept the Product Rep's Share Group proposal with the revised time limit and funding. Motion passed. 4. John Lape stated that the June Meeting, scheduled to be held at the Skamania Lodge, needed to have a deposit of \$500. This would include holding 25 rooms and the banquet facilities for Friday night. The number of rooms could be reduced as we get closer and the deposit could be used for the cost of the evening meal. A motion was made by Becky DeClerck and seconded by John Lape to make a deposit of \$500 to Skamania Lodge to secure space and rooms for the June meeting. Motion passed. **No Committee Reports. Next Meeting Date:** December 8, 1992, 5:00 p.m. Meeting was adjourned at 1:40 pm.

Richard Heiserman, Secretary

BOARD OF DIRECTORS, MINUTES OF  
SPECIAL MEETING, December 1, 1992

The meeting was called to order by President-Elect John Lape at 5:05 pm at Atwater's, prior to the Chapter meeting. President Jim Hirte followed shortly. Present: Hirte, Brown, DeClerck, Heiserman, Hymes, Lape, Watson. Absent: Largent, Josi, Kuykendall, Obert, Totten. Also present: Lee Kilbourn, Gunnar Forland, Jody Moore, Ken Searl. **Discussion:** 1. John Lape discussed the Planning Committee meetings which he is starting. The purpose of these meetings is to develop direction for the Chapter for the next 5 years. The meetings would be held at his office at 7:00 am following the monthly meeting, starting in January. 2. Gunnar Forland stated that Nikki Sims has resigned as Publisher of The Predicator. Inge Carstanjen will act in a temporary position until a permanent replacement has been secured. A proposal from the Portland Chapter AIA is being developed. 5 to 6 other organizations have expressed interest in this job. Gunnar will evaluate and discuss with the Board. 3. Proposals for Institute Awards must be submitted by February 28, 1993. Individuals should submit data for proposals to John Kehrl. 4. The Board reviewed a revised proposal from Performance Publications to develop and publish an annual Chapter Membership Directory. The revised comments were developed by Jim Hirte and Lee Kilbourn. Additional comments were discussed by the Board that would be presented to PPL. The directory will be published prior to the Chapter's Products Fair. A motion was made by John Lape and seconded by John Watson to accept the revised proposal. Motion passed. Jim Hirte will provide the Board with a signed copy of this agreement.

Next Meeting Date: January 5, 1993, noon at AIA/CSI office. The meeting was adjourned at 6:03 pm.

Richard Heiserman, Secretary



*Weekly classes  
start 2/11 and run  
through 4/1*

## CDT/CCS/CCPR CERTIFICATION CANDIDATES 1993

Portland Chapter CSI is fortunate again this year to have the use of the 19th floor of the US Bank Tower building—at 555 SW Oak St. Portland—to hold weekly classes in preparation for the April 3rd examinations. These classes will occur each Thursday evening from 6:00 to 8:00 p.m. (or 8:30, depending on study guide content for CCS/CCPR candidates), beginning February 11th and will continue through April 1st. Many of last years' instructors have committed again this year so the high passing scores achieved last year may even get better! We invite all of you to take advantage of these classes which are freely given and are very beneficial towards passing the CDT/CCS/CCPR examinations.

*MOP available at  
AIA/CSI office.*

The materials necessary to prepare for the examination are listed in the study guides each of you have received from the Institute. There will be copies of the Manual of Practice (MOP), including Page format, Section format, Uniformat & Masterformat, reserved at the Portland AIA/CSI office (315 SW 4th Avenue) at a special reduced CSI member price to those taking the classes. The CDT module MOP will cost \$56 and the CCS & CCPR module MOP will cost \$70. If you intend to purchase an MOP, please let me know that I can maintain an adequate supply for all participants. Additional documents, as required and listed in your study guides, will be made available to you at reduced member prices at the first class meeting.

Questions? Call Skip Brown at 224-3860.

## TECH/JOINT CODE COMMITTEE TECHNICAL ISSUES

My last article raised questions about the level of quality in construction and the necessity for us as architects and specifiers to fully detail every last item.

I have had some experiences with quality contractors where it has been rewarding to allow them a little bit of flexibility to display their craftsmanship, skill and experience with items that they deal with on a daily basis. On a recent job that called for plastic laminate covered windowsills, the contractor took the initiative of ordering prefinished-to-length sill pieces. He then simply cut the notch around the jamb on the jobsite and avoided any disagreements about finishing which the raw end of random length boards inevitably brings.

*Picky-picky.*

*If it can be done,  
CSI will do it.*

On the same job, we had some decorative wood base that the contractor painstakingly mitered at the door jambs. A picture of this detail is shown below. The opportunity to work with a quality contractor was rewarded with this type of initiative and workmanship.



The Joint Code/Permit Committee is continuing its work. The information sheet that the Committee made available on firestopping is being requested by more and more persons. The firestopping and gypsum board industries in particular are working hard to understand and implement the new code requirements.

Among other topics, we are reviewing the requirements for pool and spa enclosures. The State Health Department requires fences with alarmed gates for general and public use of pools and spas. Their definition of a private pool is one that is owned by fewer than four persons. The 1991 UBC Appendix contains a requirement that private pools and spas be fenced with alarmed gates. The State of Oregon Specialty Code is not going to adopt this appendix item, however. The City of Portland and the Committee do feel that some sort of protection of private pools and spas is required. The policy will require a fence around all private pools and spas (but not alarmed gates) unless the body of water is four or more feet above grade with no access to grade.

At our November meeting we recommended the elimination of a number of City of Portland, Bureau of Building policies. In general, these policies were no longer needed because of code revisions that have clarified requirements. We recommended the practice of

installing insulation directly under roof sheathing, without ventilation, be eliminated. This has been a common detail in single family and warehouse construction. The practice contradicts the Code and is generally not recommended because moisture build-up and residual moisture in construction cannot be dissipated. The State does have a separate policy on R-3 occupancy in limited areas that will still be effective.

December gave the committee a chance to examine suspended acoustical ceiling systems. We were joined by CSI members Kevin Martin and Gunnar Forland, and by Joe Hanks, a local subcontractor. There has been some expectation that the vertical strut requirement would be eliminated. However, the '91 UBC requires this building component resist seismic forces. It has been assumed that the reason was to prevent panic due to undulating and falling ceiling tiles. Perhaps an even larger concern is that fallen tile and hanger components could obstruct the exit path. This is of increasing concern with more disabled persons having access to buildings.

The City policies pertain to ceiling areas over 144 square feet. In remodeling, if you are making a major renovation to the grid or ceiling, then the system needs seismic updating. Recent revisions to ASTM Standards have standardized the hanging wire requirements. The committee is working on a pre-approved *standard* vertical strut for limited applications. This is expected to cover at least 75% of installations and eliminate the need to engineer each of these *typical* installations. We also recommended that an exception be permitted to the vertical strut and play wire requirements. It is impractical to install these components in shallow plenums due to conflicts with mechanical items. When the distance between the grid and structural support is 12" or less, the vertical strut and splay wires may soon be omitted.

Finally, Jim Wilson and I have received notification from the Institute that the Technical Committee's SpecGUIDE on Radiation Protection has been tabled! The National Council on Radiation Protection and Measurements was invited to review our draft. They reported that some changes are imminent in the basic limits of radiation exposure which may require additional shielding in new facilities. When these new standards are available, the Institute will resume and complete their review.

*John Lape  
Chairman*

## **PRODUCTS FAIR '93 PLANS UNDERWAY**

Preparations for the 1993 **Products Fair** are well underway, and special efforts are being employed to assure the best possible event.

The **CSI Products Fair** will be held Thursday, April 22nd, in the Exhibit Hall of the Red Lion Lloyd Center.

Exhibit booth registration forms will be mailed to potential exhibitors on or about March 31st. Those wanting booth space should respond quickly, as booth space sells very fast. Full payment must accompany each request, and booth assignments will be made in order of their receipt.

Cost for each fully draped 8' by 10' exhibit booth is \$450, less \$50 if you are a Portland Chapter Member. A booth will include one 8' covered table, one chair, one company sign, and a 110/120 v 500 w outlet.

Additionally, a delicious buffet will be served throughout the day. Pick up free MAX tickets for the trip from downtown to the Red Lion from the CSI/AIA office. Return tickets will be available at the Registration desk in the Exhibit Hall.

Should you have any questions concerning this great annual event, please call Gordon Van Antwerp, Chairman, at 642-4899.

## **MEMBER NEWS**

**Candace Robertson CSI, CCS** has been appointed to the Oregon Board of Architect Examiners. Two other CSI (NW Region) members are on this board. **Kenneth Nagao of the Willamette Valley Chapter** and **Darwin Doss of the newly founded Capital Chapter**.

*An appointment Committee submits names of potential appointees to the Governor who appoint the board members.*



**Portland Chapter Leaders - 1992-1992**

President -	
Jim Hirte, CDT	620-0106
President-Elect -	
John Lape, CCS	243-2837
1990-91 President -	
Dennis Obert, CCS	245-7802
Secretary -	
Rick Heiserman	223-1181
Treasurer -	
Becky DeClerck, CDT	297-1836
Executive Director -	
Margie Largent	620-6573

**Board of Directors**

Skip Brown, CCS, Prof. '94	224-3860
Corwin Hymes, CDT, Ind. '94	620-6617
Roy Josi, Prof., CDT, '93	464-7429
Dale Kuykendall, CDT, Ind. '93	777-5531
Ray Totten, CCS, Prof., '93	635-4425
John Watson, Prof. '94	721-4666

**Committee Leaders**

Awards	
John Kehrli	644-7102
Certification	
D.R. Brown, CCS	224-3860
Editor	
Gunnar Forland, CDT	223-9318
Education	
Dennis Obert, CCS	245-7802
Membership	
Lee Kilbourn, FCSI, CCS	224-3860
Products Fair	
Gordon Van Antwerp	642-4899
Program	
Jody Moore, CDT	284-6799
Technical	
John Lape, CCS	243-2837

**Institute Responsibilities**

Planning	
Les Seeley	287-7135
CCS Implementation Com. - Ad Hoc	
James Robertson FCSI CCS	342-8077

**Region Responsibilities**

Awards	
Alan G. Shelmerdine, CCS (206)861-9522	
Membership	
Joe Maliszewski	466-5177
Publications	
Linda Bowman, CDT	485-7618
Technical	
Ivan McCormick, CCS, CSI	292-3958

**Region Directors**

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Sandi Velleca, CCS	
Arctic Slope Consulting Group	
301 Danner Ave., Suite 200	(907)349-5148
Anchorage, AK 99518	

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For More Information Please Call  
**Gunnar Forland**  
223-9318

ROBERT P. LEAG  
ENGINEER - ARCH ASSOCIATES  
3775 SW 111TH AVENUE  
BEAVERTON, OR 97005

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& PLANNERS**



# The Predicator

Advancement of  
Construction Technology

Portland Chapter - The Construction Specifications Institute

Vol. 32 No. 7

March, 1993

*Dinner Meeting:*  
March 9, 1993 at  
the US Bank  
Tower, Floor 41.

*Meet your  
colleagues for a  
no-host bar at  
5:30 pm; then  
dinner at 6:30  
(\$18).*

*Please make your  
reservations by  
noon on Friday,  
March 5 by  
calling the  
association office  
(503) 223-8231.*

*New Member  
Orientation, 4:30,  
31st Floor.*

*Can't make  
dinner? Come for  
the meeting at  
7:30.*

## WHAT IS THE ECONOMIC OUTLOOK FOR OREGON?

The only constant is change—especially in states with sales tax. In our current climate of change, many questions abound but there are few to provide the answers. The March dinner meeting of Portland Chapter CSI will feature a speaker well qualified to provide us with insight and answers. **Larry L. Campbell, Speaker of the House, Oregon State House of Representatives**, will give us his vision of Oregon's future.

Mr. Campbell has served for over ten years in the Oregon Legislature. The House committees on which he has served include Trade & Economic Development, State Job Training Council, State & Federal Affairs, Fishery Resources, Energy & Environment, and the Agency Reorganization & Reform. His service outside of the Oregon House has involved the Trade & Economic Development Committee of the National Council of State Legislators and the Pacific Rim Conference.

Where is the State headed? What are the further consequences of Measure 5? Will the State Board of Higher Education ever recover from the property tax limitation? Is there a sales tax in our future? Who will benefit and who will suffer from proposed changes in the Oregon law? Questions abound. Bring your own questions but make your reservations early for this outstanding and informative meeting.

## THE REAL WORLD

by Ed Loy  
Lemons Milwork



**NEXT  
MEETING**

**TUESDAY  
MARCH 9, 1993**

**ATWATER'S  
RESTAURANT**

**US BANCORP TOWER • 111 SW 5TH AVENUE • 41ST FLOOR**



## The President's Message



**Jim Hirte, CDT, President**

Captain Jim will be back by the time this issue is circulated. The ship is still afloat but ready for him resume command!

The CSI Region Leadership Conference is coming up. The Mount Rainier Chapter hosts this meeting annually to permit recent, new, and future chapter leaders to benefit from the experience of others. Many of the old guard attend and lend their historical perspective and years of proven techniques. I have found the round table discussions to be most helpful in these sessions. It is an opportunity to meet with committee chairs from other chapters and informally exchange ideas. It was one of these round tables that led to the formation of our chapter's Planning Committee that is forecasting the direction for the chapter in the next five years.

The conference will be at the LaQuinta "resort" in Tacoma on Saturday May 1st. It is a full-day affair that usually requires an overnight stay on Saturday night. There is no registration fee and our chapter has committed to reimbursing ten members their hotel lodging expense. Our Board of Directors wants to have these free hotel "vouchers" used by new members, committee chairs, and future leaders. If you are interested, please reserve a room at the LaQuinta at (206) 383-0146 (mention the CSI conference). Please contact me at 243-2837 to reserve one of the lodging vouchers. I will hold these until April 15, after which they will be given out on a first-come basis. A registration form for the conference will be available soon.

*John Lape, CCS  
Pres-Elect*

## NEW MEMBER ORIENTATION

New Member Orientation is scheduled for March 9, 1993, 4:30 to 5:30, on the 31st Floor, US BanCorp Tower, 111 SW 5th Portland, Oregon.

This meeting helps to welcome new members to the Portland Chapter of CSI. The following people are expressly invited to attend:

Bill Block, School Products Inc.  
Max Brammer, Celotex, Inc.  
John Burns, Dura Industries Inc.  
S. D. Crouch, Project Engr. Tri-Met  
Gary Larkins, Advanced Power Solutions  
Rick Locke, Viracon  
Vicki Miller, The Cronin Company  
Mark St. Pierre, Allied Bldg. Products  
John Herrmann, Saturn Assoc.

Note: If you are not listed above and have not yet been oriented, or have not yet received your pin, please come also! This is an excellent time to meet the chapter leaders and find out how you can gain through CSI membership. Please confirm your attendance.

Call me at (503) 635-6227.

*Inge Annelise Carstanjen*

OOOOPS!!!

I reversed the pictures.....or was it the names?

Anyway, Don is Nash and Nash.....is Don (the last time they looked in their mirrors). I apologize. *Inge*



Nash Hasan



Don Pieschel

*Leadership  
Conference,  
May 1st,  
La Quinta Inn,  
Tacoma, WA.*

*Network with  
members from  
throughout the  
region.*

*"Aloha" means  
"Welcome Back,  
Jim!"*

*Nash and Don  
disoriented in last  
issue.*



## BS BY KS



## Basic Specs by Ken Searl

It is noted that our Portland CSI chapter meetings are normally held on the 41st floor of the US BanCorp Tower. It appears to me that we could very well be the only CSI chapter in the Institute that is this high up in the world. If this is so, Fellow Members, we must continually strive to keep our chapter operations at the highest level. So there!

A few days ago I was on my way back from a flight to Montana and was waiting at the terminal in Spokane for a plane to Portland and I noticed a Rocky Mountain Newspaper from Denver. Well, I picked the rascal up and, upon reading it, I came across an article by James Kilpatrick entitled: *Use 'comma' sense when placing this punctuation in sentences*. He states to consider, if you please, the use of the comma in serial constructions. Is it **red, white, and blue** or is it **red, white and blue**? Wilson Follett, one of the all-time great authorities on copy editing, had no doubts or reservations. He demanded a comma between all members of a series. He defended this rule "on the common-sense ground that to do so will preclude ambiguities and annoyances...." On the other hand, *The New York Times Manual of Style and Usage* goes the other way: "In general, do not use a comma before 'and' in a series." The *Associated Press* has the same rule: "Do not put a comma before the conjunction in a simple series."

Let's talk common sense. We punctuate for two reasons only: for clarity, and for cadence. Why put a comma after clarity? He put it there for cadence's sake. He wanted to slow the sentence down. Ho, ho, ho and how about that? He states the comma provided a pause for emphasis and for separation. Punctuation would be equally correct if written for two reasons only: for clarity and cadence.

When the comma is omitted, we have a sense of ongoing narrative. We anticipate that something more is to come. Well, how about that, I don't get that feeling at all. In certain constructions, the comma is indispensable. "Helen is a pretty tall

woman." Or, "Helen is a pretty, tall woman." Now this I understand but Helen could be both tall and pretty. Mr. Kilpatrick also states: "Believe me, most of the 'rules' for use of the comma are more guidelines than rules. *The Chicago Manual of Style* offers 43 guides for the placement of a comma. The first of the guides says: "The use of the comma is mainly a matter of good judgment, with ease of reading as the end in view." Although I agree, I am not sure that anything coming out of Chicago is absolute Gospel. As I remember from an old song about Chicago, a statement was made where a Chicago man danced with his wife. Also, isn't that the place where the cow kicked the old lantern and caused so much trouble?

Now back to slowing the sentence down. Why we want to slow it down is beyond me. Most commas, particularly in a string certainly don't seem to either slow down or speed up the action.

Now that we have given the comma an in-depth study, let's talk about cousin semi-colon. In using a computer, one normally uses the colon far in excess of the semi-colon. Why the keyboard manufacturers don't offer an optional keyboard with the colon and semi-colon reversed is beyond me. I would sure buy one or more and I know of other people who feel the same way. In fact, as far as I am concerned, they could leave the semi-colon off a keyboard. I never use it unless I am copying something that already has semi-colons. It seems to me all a semi-colon is normally used for is to lengthen sentences. We can sure get along fine with shorter sentences especially when writing specifications.

Ken Searl, FCSI  
WEGROUP Architects & Planners

***I am an old man and I have known a great many troubles—most of which never happened.***

**Mark Twain**

*Portland Chapter has reached storied heights—41 stories to be exact.*

*Inspiration from James Kilpatrick's excellent weekly column, "The Writer's Art."*

*Let colons stand on their own two feet.*

*Comma chameleon?*

*Precluding ambiguities and annoyances with commas. Could this relate to construction documents?*



## MEMBERS ENJOY BRISK DISCUSSION ABOUT GLASS AT JANUARY 12 MEETING



Tom Clucas—Unique Design Products,  
Jack Hebbeler—Northwestern Industries  
Tim Cockburn—Grand Metal Products,



Wayne Hatley—Latta Associates



Jerry Johnson—Exterior Systems

Roger Peevler—Dryvit



Janet Martini—Milgard



Bob Pierson—  
Coastal Atlantic Assoc. Inc.

On January 12, Mr. Steve Nelson, President of Northwestern Industries (NWI), Seattle, WA, discussed current glass technologies.

Steve started with a film from Monsanto that graphically demonstrated the breaking patterns of tempered, laminated and wire glass. After seeing the way these products break under an impact, we had a very clear picture of why we should avoid using wire glass whenever possible.

The discussion of strength and breaking characteristics of wire glass led to a discussion of fire-resistant glass products: if not wire, then what? He pointed out that fire-resistant products are not necessarily considered "safety glass," and that meeting code for both personal safety at impact and for fire resistance is difficult with one product.

Steve discussed the difference between a Shading Coefficient (relative transfer of radiant solar energy) and U-value (relative conductance of heat), and the relevance they each have to energy standards. He pointed out that the trend in glass products is moving away from pyrolytic coated highly reflective glass and toward high performance Low-E glass with improved coating technologies.

He graphically demonstrated the relative heat transfer of glass products and the impressive reduction of heat passing through new generation tinted glass products. With another device, Steve also measured UV transmission and discussed how laminated glass can be used to reduce damage by UV light.

He shared samples of laminated glass products with Cesar Color's precision custom printing on polyester Mylar and silkscreen patterns for interesting architecturally designed glass. He said laminated glass also blocks sound transmission, and that placing different thicknesses of glass on either side of the vinyl interlayer increases the resistance to sound transfer.

At the technical follow up on Wednesday, January 13, Steve provided a more detailed look at Lawrence Berkeley Labs' computer software for calculating the performance of custom glass combinations and specifying glass successfully.

We appreciated Steve's professional and informative presentation.

*Jim Rother*



## CALENDAR ITEMS

May 1st  
Region Leadership  
Conference  
La Quinta Inn  
Reservations at  
(206) 383-0146  
Hosted by  
Mount Rainier  
Chapter CSI  
See President's  
Message, page 2.

Make plans early  
for special June  
meeting!

Contractors Share  
Group contact  
Marty Lundell at  
682-2878.

March 9—**Economic Outlook for Oregon** Larry Campbell, Speaker of the House in Oregon, looks into his crystal ball to tell us his outlook for Oregon in 1993.

April 3—**CDT/CCS/CCPR Examinations**

April 13—**Exterior Insulation Finish Systems** current technology. Major manufacturers of EIFS will participate in a round table presentation on this product: where it is used most successfully, how to avoid problems and new products.

April 14—**Technical Seminar on EIFS** at Zimmer Gunsul Frasca. A review of specifications, limitations, and details to use and to avoid, and a checklist for coordinating EIFS specs with design.

April 22—**Products Fair** at the Red Lion Lloyd Center Conference Center

May 11—**Going Metric!** Jim Wilson and the Portland Chapter Technical Committee will present guidelines for making the transition to metric measurements; in our minds and on our documents.

May 12—**Technical Seminar** on the transition to metric, at the ZGF office.

June 11—**Friday! A special meeting at the new Skamania Lodge** in the Columbia River Gorge. Located just 45 minutes from Portland on Washington Highway 14, the lodge will be completed and ready for our party. We have some great rates for an overnight stay, and a comedian for entertainment after the program. Join in for a real outing as summer begins.

## TABLE TOP DISPLAY

March 9, 1993



**January Table Top Display**  
Mike Beeson—Exterior Technology  
Linda Joens—Trym-Tex Inc.

## PRODUCT REP SHARE GROUP

The Product Rep Share Group meets March 8, 1993 at noon at the Construction Data Westside Plan Center. Call William Clark at (206) 253-2392 for details.

## SPECIFIERS' SHARE GROUP

The Specifiers' Share Group meets at noon on the second and fourth Wednesday of each month, normally at ZGF.

Any CSI member who selects and/or documents selections of construction products and systems is invited to take part.

If you are interested, contact Paul Wilson at 242-0123 or Ken Searl at 223-1181.

## PRODUCTS FAIR '93 SHOWS HIGH INTEREST

Judging from telephone calls received, **PRODUCTS FAIR '93** is generating a good amount of interest. Aply assisted this year by Corwin Hymes, William Clark, and members of the Products Rep Share Group, an extra effort is being made to stimulate attendance at this exciting, educational, and enlightening marketplace of some 100 exhibits featuring an excellent cross section of products and services.

**PRODUCTS FAIR '93** will be held Thursday, April 22, 1993 in the Exhibit Hall of the Red Lion, Lloyd Center, Portland, from 12 Noon until 7:00 p.m. Exhibit Booth Registration Forms will be mailed in March. Cost for each 8'x10' fully draped booth is \$450, less \$50 if you are a Portland Chapter CSI member.

Additionally, a delicious buffet will be served throughout the day and free MAX tickets will be available for the trip from downtown to the Red Lion at the AIA/CSI office. Return tickets will be available at the Exhibit Hall Registration Desk.

Any questions? Call Gordon Van Antwerp, Chairman, (503) 642-4899.



## 20+ YEARS

Anderson  
 Hutchins  
 Appleman  
 Eritsch  
 Selig  
 Burling  
 Smith  
 Ehmann  
 Crook  
 Beard  
 Brown  
 Ashton  
 Clucas  
 Drynan  
 Eggleston  
 Ford  
 Elder  
 Fowler  
 Grady  
 Hooten  
 Stewart  
 King  
 Kilbourn  
 Hartman  
 Kingsland  
 Staehli  
 Largent  
 Luey  
 Walton  
 McArthur  
 Olson  
 Martinson  
 McCormick  
 Nelson  
 Moorman  
 Petter  
 Richey  
 Searl  
 Van Scoy

## CSI JUNE AWARDS PROGRAM

at the new  
 Skamania Lodge  
 in the Columbia Gorge  
 Friday, June 11, 1993

See and experience the new Skamania Lodge for the first time when the Portland Chapter of CSI holds its annual Awards Dinner and presentation. Not only will we be honoring many of the longstanding CSI members and installing new officers, but we will have entertainment as well.

We will also have a nine-hole golf scramble on the new Skamania Lodge course, starting at 1:00 pm on Friday.

Information on lodging, reservations, transportation, and other items will appear in coming issues of The Predicator. Plan for a great meeting and a great excursion.

## JUNE AWARDS NIGHT!

Because of significant contributions to the formation and/or growth of the Construction Specifications Institute and the Portland Chapter, many members will be honored at the June 8, 1993 Awards Banquet!

Mark your calendar! You must be there to be recognized and honored!

## MEMBERS TO BE HONORED:

Founding members of the Institute

Charter members of the Portland Chapter

Members of the Board of Directors at the time of incorporation

Attendees of the initial Portland Chapter planning meeting

Those listed to the left fit one or more of the above categories. We hope **you** will all be with us on this occasion. Chevrons will be given to 20-, 30-, and 40-year members and 25-year members will be "dubbed" with the Silver Sword.

Our sincere appreciation and congratulations to the 10- to 19- year members who are also listed here.

## 15-19 YEARS

Walton  
 Inouye  
 Nelson  
 Seeley  
 Cloud  
 Finch  
 Ream  
 Crawford  
 Klas  
 Charles  
 Milsten  
 Fisher  
 Gira  
 Davidson  
 Murphy  
 Winn

## 10-14 YEARS

Van Antwerp  
 Knott  
 O'Brien  
 Gibson  
 Latham  
 Gast  
 Shearer  
 Hirte  
 Carstanjen (Vrla)  
 Cleveland  
 Robertson  
 James  
 Brockamp  
 Pierson  
 James  
 Ravins  
 Zanrosso  
 Chorzempa  
 Kuykendall  
 Mouchka  
 Robinson  
 Satalino  
 Loftesness  
 Chick  
 Totten  
 Stanek  
 Gilbertson  
 Williams  
 Schmautz  
 Oberl

*The Board encourages members to participate in the upcoming Region Leadership Conference (see page 2).*

*Secretary to write letter!*

*Restated: CSI promotes education of construction services, products, practices, and technologies.*

*Wearing of the silver or gold...*

*Buffet service not rebuffed!*

PORTLAND CHAPTER CSI  
BOARD OF DIRECTORS

MINUTES OF MEETING, January 5, 1993

The meeting was called to order by President-elect John Lape at 12:05 pm at the AIA/CSI office. Present: DeClerck, Heiserman, Hymes, Lape, Kuykendall, Totten, Watson. Absent: Brown, Hirte, Josi, Largent, Obert. Also Present: Kilbourn, Forland, Searl, Gira. **Discussion:** Minutes of the December 1, 1992 Board of Directors meeting and the December 8, 1992 Special Board of Directors meeting were approved as read. **Treasurer's Report:** A current balance for both the checking and savings accounts given along with expenditures for December.

**Correspondence Reports:** 1. A letter was received from Jim Chaney, Director of the NW Region of CSI, that was a follow up to an ad-hoc meeting regarding the Leadership Conferences. It was felt that the people who should be there are not. The Conference needs to have the people who are relatively new to CSI and who wish to be part of the leadership. It was decided that the chapter pay for hotel accommodations for the first 10 new members attending the Conference. If these accommodations are not taken by new members they will be offered to those who have attended in the past. John will make this announcement at the next chapter meeting. 2. The Institute Spec-Guide Committee has informed the chapter Technical Documents Committee that they have delayed a response to the submitted Guide.

**Old Business:** 1. A Budget for the 1993-1994 year has been stalled in committee. A report will be given at a future board meeting. It was decided that if transportation arrangements can be made to CSI functions to save money prior to the fiscal year, they should be made. 2. A letter from Jim Chaney, Director of the NW Region of CSI, stated the motion made by the Board in September regarding Ballot Measures 5 and 6 was inappropriate and must be rescinded. Ray Totten made a motion to rescind this motion and that a letter be sent to Jim Chaney. It was seconded by Dale Kuykendall. The Board felt that the letter to Jim should state that we have taken his comments under advisement and have rescinded the motion. Rick Heiserman will write the letter. Motion passed. 3. The Predicator has been published and is in the mail. Inge Carstanjen is currently the publisher. Gunnar Forland will provide proposals to the Board of organizations seeking to work as publisher at the next Board meeting. 4. The lease agreement with AIA has been accepted in principle. A final report will be given to the Board at a future meeting. 5. Dick Gira discussed a letter from an AIA subcommittee to the City of Portland, Landmarks Committee regarding the use of Synthetic Plaster in use as a building material on buildings in downtown Portland. Dick stated that not only were some of the statements incorrect about this material but that the leadership of AIA was not aware of the

letters' contents. It was felt that we, as a chapter, should not give opinions about products and should have control over letters published on chapter letterhead. Ray Totten made a motion that John Lape write a letter to AIA and the Landmarks Commission inviting them to the April chapter meeting on Synthetic Plaster. Corwin Hymes seconded. It was felt that this letter should also state that CSI could be a resource about products. Motion passed. 6. A motion was made by Rick Heiserman to purchase four gold and twenty-five silver chevron lapel pins which would be given to those members who have been with the chapter for 25 or 30 years. Cost of these pins is about \$200. John Lape seconded the motion. Dick Gira offered \$100 donation to offset the cost to the chapter. The offer was accepted and appreciated. These pins would be passed out at the June awards meeting. Motion passed. Rick will pursue the purchase of the pins.

**New Business:** 1. The issue of table service vs. buffet service at the chapter's monthly meeting was discussed. The Board felt that buffet service worked well at the September meeting and that it might be good to have this type of service three or four times a year. If it becomes counter productive, it should be discontinued. John will relay this information to the House committee. 2. The Nomination committee needs to address the slate of officers for the next year. This committee is composed of Jim Hirte, John Lape, Dennis Obert, and Margie Largent. Suggestions from the Board were encouraged. 3. Nominations for Institute awards are to be sent by February 1. Plans were being made to nominate some members from the chapter. Ray Totten felt that John Kerhli should be encouraged and given the information to meet the deadline.

**Committee Reports:** Due to the number of business items presented at the meeting, committee reports were not discussed.

**Next Meeting Date:** February 2, 1993.  
Meeting was adjourned at 1:09 pm.

Richard Heiserman  
Secretary



## STUCCO: REPAIR AND RECOATING TIPS

by John Lamb, CSI

Reprinted from *The Applicator*, a publication of the Sealant, Waterproofing & Restoration Institute, Winter 1991 issue, by permission of the author.

Part 1 of two-part article.

There are two types of stucco; (1) stucco that has cracked and (2) stucco that is going to crack. In this country, stucco dates back several hundred years; in the ancient world, to man's earliest structures. Stucco has earned a reputation of durability, versatility, economy, ease of application and unfortunately, cracking.

April 13th dinner meeting and April 14th noon seminar subject: EIFS.

The following article offers suggestions and pointers on how to deal with the repair and repainting of stucco, as well as giving informational guidelines on why stucco cracks. Before you can repair the cracking you need to understand why the cracks exist.

### WHY STUCCO CRACKS

Don't overlook wind loads.

Stuccos are somewhat like snowflakes—very few are alike; this is why manufacturer's guidelines vary. Secondly, the building framework must be sound and properly constructed or cracking problems are inevitable. And finally, weather conditions are critical for proper curing. Many cracking problems can be avoided if the guidelines set by stucco manufacturers, the Portland Cement and Stucco Associations and criteria set forth by ASTM C-926 are followed.

Bases and Bonds is not a sports column.

**The Formula**—The ratio of sand to cement will determine the degree of strength, resistance to shrinking and cracking, and density. The rule of thumb is that the higher the quantity of sand, the lower the density, and therefore, less shrinking and cracking. To add less sand (more cement) increases density and strength, but also the potential for cracking.

Curing cracks may be in the curing process.

**Weather**—Stucco mixtures should ideally be applied when outside temperatures are above 40° Fahrenheit. Some contractors will heat the mixing water to 130-140 degrees and mix with cold (but not frozen) sand. This creates workable stucco mixtures and also lets the stucco resist early freezing.

**Bases and Bonds**—While stucco can be applied over almost anything, there is no substitute for a good base and a good bond. Expanded metal or woven wire laths will form a solid base or reinforcement for less rigid or smooth bases. Generally, the rougher the base, the more

absorptive it is to water and will form a stronger bond. And if the base is not cracked and the bond is strong, the stucco itself should not crack. Yet of more importance is creating a base coat on a relatively even plane. Variations in the plane can cause cracking, since moisture evaporation during curing will vary according to the application thickness.

Loosely fitted metal lath also causes uneven stucco application and cracks. Lath should form a continuous base without gaps and be attached with non-corrosive nails or screws. Uneven plaster between studs will also cause cracks at the stud locations.

**Framing**—Most stucco systems are not load bearing and improper framing and wind loads can transfer weight that often causes cracking. If studs are not properly anchored or spaced or the gauge is too light, load transfer to the stucco is possible. Two common problems are stud rotation and bucking caused by stresses such as high wind loads. Since a different trade may handle the framing, the stucco contractor often inherits the situation which is passed on to the painting contractor.

**Base Warping**—Temperatures and moisture variations in the stucco application can cause warping of wall surfaces, such as plywood sheathing, and therefore result in stucco cracking. Warping can also be caused by overly high-strength finish coats (more cement/less sand) or excessive pressure during trowelling. Moisture barriers should be incorporated to prevent moisture build up in plywood or gypsum sheathing which causes expansion and later contraction, thus cracking.

**Tensile and Compressive Strengths**—Stucco contractors must be aware of achieving strong tensile and compressive strengths in their stucco mixes; this relates to proper curing methods. So long as the application is even and moisture is present during the early stages of curing, the tensile strength will increase—which, of course, means better resistance to both shrinking and cracking.

Compressive strengths are simply the ability of the stucco to hold its own dead

(continued on page 9)

weight (without falling off the wall) and accept wind loads and other services such as signage, decorative accessories and other attachments. The objective is not to achieve the highest possible compressive strength or brittle stucco. The objective is strength without cracking. Contractors who add cement to premixed stuccos to achieve higher compressive strengths often create cracking problems; but the stucco is certainly hard between the cracks.

**Proper Curing**—The importance of curing is often overlooked. Procedures should adjust to the conditions of the particular job. The objective again is to cure slowly which increases strength and crack resistance. If weather conditions are hot, dry or windy, uniform fogging and the use of plastic coverings will be needed to hold the moisture in.

As stucco cures, it will naturally undergo shrinking as the water evaporates out. If stucco cures too fast, cracks are inevitable. Common practice is keeping moisture in the scratch coat for the first two days, in the brown coat for seven additional days and finishing thereafter.

**Control Joints**—Control joints minimize cracking during and after curing. Since stucco expands and/or contracts in response to temperature and humidity levels, properly placed control joints will not only reduce these natural stress problems, but combat vibrations, foundation settlement and other dynamic building movement.

Since no two stucco formulas are alike, there are no completely accurate guidelines for the proper placement of control joints. One traditional method calls for control joints 10 feet apart to create a surface area less than 150 square feet—not practical in all situations. Contractors have to take individual buildings' requirements into consideration and place control joints where cracks most likely can occur—at doors, windows, floor lines and at jointing of dissimilar building materials.

Control joints placed to provide a work break for the applicator or for aesthetic reasons have little effect on crack control unless they extend through the lath. It is generally recommended that control joints be placed first on the structure followed by lath. Another point to remember is that double studding behind control joints is the best application to avoid restricting movement of the control joint. Attaching both sides to one stud restricts movement and causes cracking. Control joints also must be kept free of stucco materials as to not restrict movement.

*If the weather conditions are hot and dry, you're probably not west of the Cascades.*

*Control joints first and lath last.*

Basic information on why stucco cracks gives you a little better handle on the situation when the phone rings and you are asked to take a look at a stucco building scheduled for repainting. As you stand with the owner, in front of what appears to be a road map of Tokyo but is actually his cracked stucco building, you will have confidence that you won't be the low bidder and don't want to be the low bidder.

*Article to be continued in next month's issue.*



**John Lamb**

John Lamb is the Director of Technical Services with Western Architectural, a consulting/representation firm specializing in waterproofing, restoration and repair specifications of building envelopes. Mr. Lamb is a listed speaker on coatings and waterproofing with CSI and a honorary member of Sealants, Waterproofing and Restoration Institute. Mr. Lamb is also a panel member of the American Arbitration Association and has appeared in numerous cases across the country as an expert witness in waterproofing and construction litigation. Mr. Lamb has twenty years experience in the industry as a coatings contractor and products manufacturer, and has had several articles published on the subject.



**Portland Chapter Leaders—1992-1993**

President	
Jim Hirte, CDT	620-0106
President-Elect	
John Lape, CCS	243-2837
1990-91 President	
Dennis Obert, CCS	245-7802
Secretary	
Rick Heiserman	223-1181
Treasurer	
Becky DeClerck, CDT	222-4000
Executive Director	
Margie Largent	620-6573

**Board of Directors**

D. R. Brown, CCS, Prof. '94	224-3860
Corwin Hymes, CDT, Ind. '94	620-6617
Roy Josi, CDT, Prof. '93	464-7429
Dale Kuykendall, CDT, Ind. '93	777-5531
Ray Totten, CCS, Prof. '93	635-4425
John Watson, Prof. '94	721-4666

**Committee Leaders**

Awards	
John Kehrl	644-7102
Certification	
D. R. Brown, CCS	224-3860
Editor	
Gunnar Forland, CDT	223-9318
Education	
Dennis Obert, CCS	245-7802
Membership	
Lee Kilbourn, FCSI, CCS	224-3860
Products Fair	
Gordon Van Antwerp	642-4899
Program	
Jody Moore, CDT	284-6799
Technical	
Jim Wilson, CCS	222-1917
Bylaws	
Ken Searl, FCSI, CCS	223-1181

**Institute Responsibilities**

Planning	
Lee Seeley	287-7135
CCS Implementation Com.—Ad Hoc	
James Robertson, FCSI, CCS	342-8077

**Region Responsibilities**

Awards	
Alan G. Shelmerdine, CCS	(206) 861-9522
Membership	
Joe Maliszewski	466-5177
Publications	
Linda Bowman, CDT	485-7618
Technical	
Ivan McCormick, CCS, CSI	292-3958

**Region Directors**

Jim Chaney, CDT	
McKenzie Commercial Cont. Inc.	
865 W. 2nd Ave.	
Eugene, OR 97402	343-7143
Sandi Velleca, CCS	
Arctic Slope Consulting Group	
301 Danner Ave., Suite 200	
Anchorage, AK 99518 (907) 349-5148	

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# The Predicator

Advancement of  
Construction Technology

Portland Chapter - The Construction Specifications Institute

Vol. 32 No. 8

April, 1993

## EXTERIOR INSULATION AND FINISH SYSTEMS

**Dinner Meeting:**  
April 13, 1993 at  
the US Bank  
Tower, Floor 41.

Meet your  
colleagues for a  
no-host bar at  
5:30 pm; then  
dinner at 6:30  
(\$18).

Please make your  
reservations by  
noon on Friday,  
April 9 by calling  
the association  
office (503) 223-  
8231.

Can't make  
dinner? Come for  
the meeting at  
7:30.

What are these systems? What is the correct way to install them? What are the pros and cons of using an Exterior Insulation Finish System (EIFS) as it relates to the design professional...the general contractor...the owner? These and many other issues will be discussed at the April meeting of Portland Chapter CSI by a panel of knowledgeable people who have experience in the use of EIF systems.

### ON THE PANEL:

**Mr. Bill Greenwald, Western Regional Manager of Sto Industries.** He will discuss the EIFS industry and introduce us to new products.

**Mr. Dick Cronn, Billings & Cronn Co.,** a 46 year Portland plaster contractor, will describe the techniques his firm has used to "panelize" EIFS. They have fabricated EIFS panels for use throughout the world.

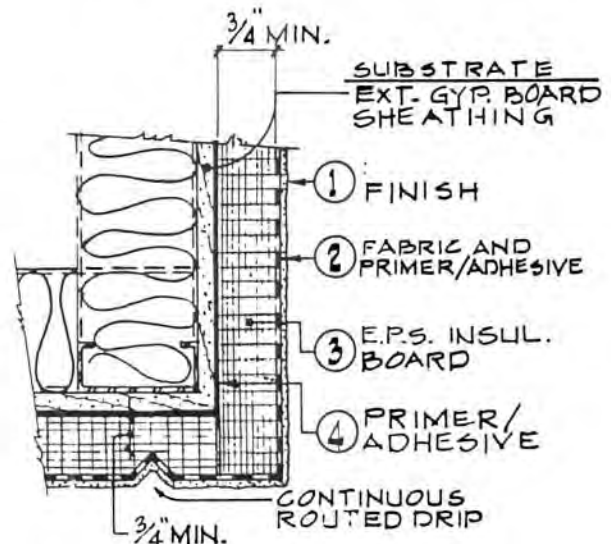
**Mr. Jeff Shearer, CSI, Fred Shearer & Sons, Inc.,** a Portland plaster contractor for 77 years will speak about the various components and techniques to install a successful EIFS job. He will discuss "on the job" requirements to bring a project to a successful conclusion.

**Mr. Jerry Eaker, AIA of Beaverton,** will relate some of his experiences using EIFS on his projects.

This program will provide the information necessary for the use and application of EIF systems. Owners, architects and contractors will want to attend.

There will be an opportunity to ask questions of the panelists during the program and there will be an in-depth seminar the following day (April 14) from 12:00 - 1:30 at Zimmer Gunsul Frasca (ZGF) offices, 315 SW Oak, Portland, OR. Box lunches will be available for attendees making reservations through the CSI office at 223-8231. The dinner meeting is April 13 at US Bancorp Tower, 111 SW 5th Ave., on the 41st floor.

A social hour starts at 5:30, dinner begins at 6:30 and the program will begin at 7:30. Please make your reservations by Friday, April 9th through the CSI office at 223-8231.



EIFS

**NEXT  
MEETING**

**TUESDAY  
APRIL 13, 1993**

**ATWATER'S  
RESTAURANT**

**US BANCORP TOWER • 111 SW 5TH AVENUE • 41ST FLOOR**



### The President's Message



**Jim Hirte, CDT, President**

*Jim able to stay on a tan maintenance program.*

Yes, I am back!! It was a GREAT VACATION!! Taking a cruise is a wonderful way to spoil yourself (although very busy) and the Caribbean is beautiful. Hawaii was kick back, rest up, play a little golf, and snorkel to my heart's content. And what a way to be greeted when we got home -- several warm days of sunshine (I even got in two more rounds of golf) and then the beautiful weekend of snow.

*New membership directory due now.*

I am excited about the "new look" to our Membership Directory. Not only will we have a very professional and great looking directory, but the amount of information available and its ease of use is going to make it a wonderful reference tool for our industry. It will be going to press before you read this column, and will be available at the Products Fair. I am very confident you are going to like it a lot!

Very important dates to remember for activities in the near future are:

*Dates to make.*

April 22, 1993—Products Fair  
Noon to 7:00 p.m.—Red Lion Center Exhibit Hall

May 1, 1993—Region Leadership Conference  
LaQuinta Inn, Tacoma, Washington  
(Call John Lape for details)

June 11, 1993—Awards Night  
Skamania Lodge, Stevenson, Washington

Of course, don't forget our regular chapter meetings on April 13, 1993 and May 11, 1993. SEE YOU ALL THERE!!

Northwest Region  
  
**1993  
Leadership  
Conference**

Hosted By:

**Mt. Rainier  
Chapter, CSI**

Tacoma, Washington  
April 30 - May 2

#### SCHEDULE OF EVENTS

Friday, April 30  
8:00-10:00 pm—Mixer, Room 707

Saturday, May 1  
8:00 am—Registration/Continental Breakfast  
9:00-12:00 noon—Seminar by Weldon Nash  
12:00-1:00 pm—Lunch  
1:00-1:30 pm—Welcome & Introductions  
1:30-2:00 pm—Video Presentation  
2:00-3:00 pm—Training Session I  
3:15-4:15 pm—Training Session II or Technical Committee Roundtable  
4:30-5:30 pm—Education Committee Roundtable or Certification/Awards Roundtable  
6:00-7:00 pm—Social  
7:00-8:00 pm—Dinner  
8:30-11:00 pm—Casino Night

Sunday, May 2  
8:00-9:00 am—Continental Breakfast  
9:00-10:00 am—Coordinating Council  
10:00-10:45 am—Membership Committee Roundtable  
11:00-12:00 noon—Region Forum

## BS BY KS



## Basic Specs by Ken Searl

Recently I received a letter from Larry Brown, one of our Portland CSI Fellows, with two sample certifications which he states are helpful in "encouraging" contractors to do the job right. One sample certification covers EIFS installations and the other covers Joint Sealants in connection with EIFS. This brings up another thought and that thought is, should we also require a sealant certificate in Joint Sealants, Section 07900? My firm's specifications are presently written with Joint Sealants for all trades within Section 07900 and an extended two year warranty. This extended warranty appears to be more than adequate. Larry wanted me to include these certificates in my BS column but they appear too lengthy for that purpose. He also would like to see all specifiers include them in their project manuals and require them filled out and returned along with warranties.

These certifications cover installation of EIFS and sealants in connection with same. I believe these certificates could be most helpful in many cases. I am not opposed to them but it seems to me if we pursue this course for other items, it can become too much of a burden, particularly timewise. This comes under the heading of "hand holding". I do agree we need some of that but if we hold hands on a comparable basis with all other trades, it could become one heck of a burden both in time and money.

Now that I have said all this, I may be forced into doing just what I don't recommend. As time goes on we continually find it necessary to do more and more "hand holding" and other means to get the job done right. What I feel is needed is better and more timely job inspections. Here again, budgets tend to keep this method in a low priority.

I will be glad to send or fax you copies of suggested certifications or you can give Larry Brown a call. I do believe you will be interested in these certifications.

It is noted that I intend to retire by the end of this year and if there are any of you rascals out there that would like to write a column on a continuing basis for our Chapter Newsletter, please contact our Chapter President or our Editor. Oh yes, you can change the column's name to fit your type of writing. (I think there is a message in that last sentence.)

One last item. Early in February one of our Portland Chapter members called me and told me he was at the age to become an Emeritus Member. I informed him I would take care of it and wrote it down on a pad in my office. To make a long story short, I left the next day for a trip to Montana and Wyoming and when I came back evidently the note became misplaced or lost. I was driving home recently and it came to me but by then I had forgotten the name. Help! Will that person come forward or if any of you folks know who it could be, let me or our Chapter President or President-Elect know ASAP.

*Ken Searl, FCSI  
WEGROUP Architects & Planners*

## Member News

On the morning of November 21st, Roy Josi was involved in a serious head-on automobile accident on Mt. Hood. He was life-flighted to Emmanuel Hospital and in three days had a series of two operations on his right leg which was broken in two places and which suffered permanent nerve damage. He spent the next month in the hospital and a rehabilitation center and has been recuperating at home since. While serious, Roy credits God with saving his life and is thankful his daughter had to change plans to travel with him that day and that the family in the other car suffered only minor lacerations. He is currently undergoing physical therapy to restore use of the leg and will soon be fitted with a permanent leg brace. Doctors say he should be able to walk and even play tennis some. He will be returning to work part-time on March 1st and hopes to be able to make the April CSI meeting.

*No romance in holding hands.*

*Regards to EIFS.*

*Does Bo know about joint certificates?*

*Is there a looming BS deficit?*

*Know thyself—but if you are Emeritus status, let us know, too.*



## Hartman History

Occasionally you run into someone whose career history mirrors the Oregon Construction Economy. Bob Hartman, CSI, is such an individual.

When Bob first joined Portland Chapter CSI in 1969, he was Sales Engineer for Inland-Ryerson. Inland-Ryerson manufactured metal decking and wall paneling. When that relationship ended in 1975 (Inryco went out of business), Bob started North Star Industries. North Star Industries, under Bob as CEO, promotes, bids, and installs metal decking and metal wall paneling. With his years of experience and personal history, he's a great resource person.

Speaking of his personal history, Bob came to Oregon from Chicago in 1961. He served as Social Chairman and Membership chairman of the old Producers Council, then joined CSI in 1969. During the intervening years, his CSI activity has waxed and waned, depending mostly on his personal economy. He attended some CSI Conventions and Regional Conferences. He married Rebecca, and has stayed married to her. Bob and Rebecca have a daughter, Lisa, who enriches their lives.

Bob also credits CSI, especially the Portland Chapter, with enriching his life and career. His summary observation is: "CSI is the most effective vehicle for advancing understanding and cooperation within the construction industry. No other organization comes close!"

*A. Larry Brown, FCSI  
1969 Membership Chairman*

## Conersation With Gary Felling

There are about 60 companies in the USA and Canada offering Modified Bitumen Roofing products. Actually only about 40 manufacturing plants produce these materials, some sold directly and some sold under private label. But the dependability of many of these products are in question and we still do not have a quality standard in place by ASTM or ARMA. Promises-Promises! How many years have gone by and still no real quality standard. In Europe there are modified bitumen roofs in place up to 20 years with no failure. Also in Europe there is a quality standard that at least sets a middle of the road standard (somewhat less than the very restrictive Canadian standard), but better than the bottom of the line ARMA standard that is proposed.

The idea occurred to me that if the ARMA standard refuses to bring quality to the industry, maybe the Puget Sound Chapter should ask for permission to publish the European standard and give it the name of the "International" standard. Wouldn't that create a stir?

*Rob MacDonald, CSI  
Puget Sound Chapter*

*Better than the  
Green Tortoise!*

## Car Pool in Style

Going to the Leadership Conference in May or the Awards Dinner in June at Skamania Lodge? Consider traveling there in style with some of your fellow CSI members. John Lape will be taking his 14 passenger bus to both of these sites and has room for friends to join in the trip. The bus has been equipped with cruise control, reading lights, card table, magazine & luggage racks, and a bunk! It would be fun to travel to some of these CSI functions together. Travel costs would be shared at approximately \$12.50 each. If you are interested, please contact John Lape at 243-2837.



**Q & A**

Contractor's Share Group  
Question and Answer Column

The Contractor's Share Group has undertaken a new endeavor. We will be producing a monthly column entitled Q & A. Questions are requested from any and all members of CSI, or other interested people who may be receiving The Predicator. We invite questions on any topic relating to the contracting process...bidding, subcontracts, scheduling, coordination, etc. You get the idea. Please submit your questions to Marty Lundell, Chairman, Contractor's Share Group, c/o Unistrut Corp., phone 682-2878, fax, 682-2190.

Following is a question submitted by a subcontractor:

**QUESTION:** Why is it so hard to get sub bid results out of general contractors?

**ANSWER:** Most general contractors realize how important it is for subcontractors and suppliers to receive feedback on their bids. Without such feedback, a subcontractor cannot know if he is competitive, and cannot make important workload decisions. If a GC is not the low bidder, they are much more likely to give out sub bid results. There are several issues which affect a general contractor's ability or inclination to give out sub bid results.

1) The GC may not know who the low sub bidder is. With the advent of the fax, sub bids are coming to GCs in a new form. Many sub bidders are faxing bids with several pages of "qualifications" and "exclusions." On bid day, there is not always time for the GC to digest this information. It takes time to sort out the lowest, responsive bidder, particularly if the work is not on the critical path of the project.



2) In these days of 2-3% mark-ups, a GC must take every precaution to eliminate overlaps and underlaps in subcontractors. There is no room for an error in either direction. Well-prepared plans and specifications are a big help. Unspecified items, or items specified on the drawings are problem areas for GCs.

3) The unethical practice of bid shopping is another reason that some GCs will not give out bid results. The unscrupulous GC will attempt to find a lower price than the sub bids used on a bid day.

Misunderstandings are common in the subcontract award process. Bid price is not the only issue, particularly when bids come in with qualifications and exclusions that frequently have financial impact. Subcontractors and suppliers can help this situation by bidding "per plans and specs, no exclusions." Unfortunately, with some bid documents, this is not always possible.

This answer was compiled by the Contractor's Share Group with the help of a local building contractor.

The Contractor's Share Group meets on the second Tuesday of each month (including the summer), at noon at the Construction Data/Dodge Plan Center at the Alber's Mill Building. We encourage all contractors, subcontractors, suppliers, and other interested parties to attend!

**Portland architectural firm is accepting resumes for specifier position. Applicants should have at least five years of experience in specification writing in the northwest region. Construction administration skills or interest also desirable. Please respond to P.O. Box 40185, Portland, OR 97240-0185.**



## CSI PRODUCTS FAIR '93 Plan to Attend NOW!

Products Fair '93 promises an exciting and educational array of 102 exhibits of various construction products and services.

Scheduled Thursday, April 22, 1993, at the Exhibit Hall, Red Lion, Lloyd Center, from 12 noon to 7:00 p.m., you and your friends won't want to miss this annual event. A delicious buffet will be served during the exhibit hours.

Exhibit Booth reservation forms were mailed first class on March 1st to all on our mailing list.

Guest invitations are available to give to your clients and may be obtained by contacting William Clark 800/845-5900. Invitations have also been distributed to Construction Data Plan Center.

For further information, contact Gordon G. Van Antwerp, Chairman, 503/642-4899.

### 1993 Booth Assignments (at press time)

1. Thompson Tile
  2. Oregon Strandboard Co.
  3. Oregon Strandboard Co.
  4. Allied Building Products Corp.
  5. Coastal/Saturn-Carlisle
  6. Soprema
  7. Tile Distributors
  8. Tile Distributors
  9. Access Control Systems, Inc.
  11. Ravin Distributors, Inc.
  12. Hardesty & Company
  13. GlasShield Roof Systems
  15. Concrete Paving Stones
  16. DeaMor Associates, Inc.
  19. Crawford Roll-Lite Door Sales
  20. The Becker Co.
  21. Ameritone Paint Co.
  22. Tnemec Co., Inc.
  23. Trym-Tex
  24. Trym-Tex
  25. Sherwin-Williams Co.
  26. Division 7 Support
  27. Manville Roofing Systems, Div.
  28. Modernfold NW Interior Technology
  29. United Tile
  30. BWN Northwest
  31. PGL Building Products
  32. Masonry/Ceramic Tile Institute
  33. Mutual Materials
  34. Colamette Construction Co.
  37. Won-Door Corporation
  38. Sound Floor Coverings
  39. Dodge McGraw/Hill Construction L
  40. Dodge McGraw/Hill Constr. Data
  41. Washington/Alaska Roof Systems
  42. Tri-State Exteriors, Inc.
  43. Selectron
  44. USG Interiors
  47. Medite Corporation
  48. National Marketing
  49. Westmark Products, Inc.
  50. Advanced Entry Systems
  51. Lemons Millwork
  52. CISSI
  53. Daily Journal of Commerce
  54. Grand Metal Products
  55. Western Allied Systems Co.
  56. Crossfield Products Corp.
  57. Omega Fence System
  58. Western Insulfoam
  59. Silver Metal Products
  61. Buildings Material Sales Co.
  67. GAF Building Materials
  77. ASC Pacific
  80. Miller Paint Co.
  87. The Cronin Co.
  88. The Cronin Co.
  92. Total Access Elevator, Inc.
  96. Fuller O'Brien Paint
  97. Fuller O'Brien Paint
  98. Fuller O'Brien Paint
  99. Fuller O'Brien Paint
  100. Rodda Paint
- Unassigned:  
Celotex  
Synder Roofing Co.



## CSI's 37th Annual Convention and Exhibit

June 25-27, 1993  
George R. Brown  
Convention Center  
Houston, Texas



Advancement  
of Construction  
Technology

PORTLAND CHAPTER CSI  
BOARD OF DIRECTORS  
MINUTES OF MEETING, February 2, 1993

The meeting was called to order by President-elect John Lape at 12:05 p.m. at the AIA/CSI office. Present: Brown, DeClerck, Hymes, Lape, Totten, Watson. Absent: Heiserman, Hirte, Josi, Kuykendall, Obert. Also present: Kilbourn, Forland, Searl. **Discussion:** Minutes of the January 5, 1993 Board of Directors meeting were approved as read. **Treasurer's Report:** A current balance for both the checking and savings accounts given along with expenditures for January.

**Correspondence Reports:** A letter was received from NAWIC Region 9 stating seminars would be put on by the Portland Chapter NAWIC on April 30 and May 1, 1993. A motion was made by John Lape and seconded by Ray Totten to send the Portland Chapter NAWIC \$25.00 to assist them. Motion was approved.

**Old Business:** 1. A letter in draft form addressed to the Portland Landmarks Commission regarding EIFS was discussed. The letter will be revised to include items discussed and forwarded to the Commission. 2. A letter addressed to Jim Chaney, Regional Director CSI regarding the rescinding of the Chapters approval of ballot measures 5 and 6 was mailed. 3. The Predicator was received by most members on February 2, 1993. 4. The lease agreement with AIA was presented to the Board with revisions. Copies have not been signed. 5. The Chapter Budget is still not complete. It is anticipated that a draft will be presented to the Board next month. 6. Gunnar Forland stated that no further action or proposals have been received regarding The Predicator publication.

**New Business:** 1. Ken Searl received a letter from the Institute listing 18 items requiring explanation regarding the recent revisions to the Chapter By-laws. Copies of this letter and recommended changes suggested by John Lape and Ken Searl were sent to all Board members several days prior to this Board Meeting. There was discussion about all items considered. Minor revisions were made and a motion was made by John Lape and seconded by Skip Brown that we forward our answers and suggestions to the Institute and wait until we feel the letter has been received which would be followed with a conference call to discuss the issues in more detail. 2. It was suggested that the Calling Committee needs reactivation. 3. Nominating Committee consisting of John Lape, Margie Largent, Jim Hirte and Dennis Obert have prepared an initial slate of candidates for Chapter positions for the 1993-1994 year. Nominations at this time are: President-Elect,

Dale Kuykendall; Treasurer, Becky DeClerk; Secretary, Rick Heiserman; Directors, Industry-Pat Murphy, Professional-Jim Wilson, Larry Chew, Bill Oyen. An announcement of the nominees will be made at the February Chapter meeting. 4. Skip Brown of the Certification Committee stated that there were 3 CCS, 19 CDT and 7 CCPR candidates registered for this year's examination.

**Committee Reports:** Due to the number of business items at the meeting, committee reports were not presented.

**Next Meeting Date:** March 2, 1993.  
Meeting was adjourned at 1:15 p.m.

Richard Heiserman  
Secretary

The Nominating Committee met on March 9, 1993 and approved the following slate FY 93-94 and instructed the Board to prepare and mail the following:

President: John Lape  
President-Elect: Dale Kuykendall  
Secretary: Rick Heiserman  
Treasurer: Katheryn Knudsen-Wissler  
Director/Professional: Jim Wilson  
(vote for 2) Larry Chew  
Bill Oyen  
Director/Industry: Pat Murphy  
(vote for 1) Ed Fatz

National Association of Women in Construction (NAWIC) to offer seminars April 30 and May 1.

A long list from the Institute.

Calling on Calling Committee.

Nominations made.

Certification applicants in good quantity.

**Around the Region . . .  
a calendar of meetings**

Cook Inlet (Alaska), Anchorage, Third Tuesday, contact Ken Maynard (907) 276-4218.

Idaho, Boise, First Tuesday, contact Scott Henson (208) 345-6677.

Mt. Rainier, Tacoma, Third Tuesday, contact Cheryl (206) 383-3084.

Portland, Second Tuesday, contact Jody Moore (206) 574-3449.

Puget Sound, Seattle, Second Thursday, contact David Jackson (206) 223-5555.

Salem, Second Thursday, contact Darwin Doss (503) 581-5151.

Spokane, Second Thursday, contact Tom Crossan, (509) 327-6633.

Willamette Valley, Eugene, Last Thursday of month, contact Paul Edlund (503) 485-1941.

*The contacts given above are the program chairs or an officer of the various chapters.*



## STUCCO: REPAIR AND RECOATING TIPS

by John Lamb, CSI

Reprinted from *The Applicator*, a publication of the Sealant, Waterproofing & Restoration Institute, Winter 1991 issue, by permission of the author.

Part 2 of two-part article.

### PREPARATIONS FOR COATING WITH ELASTOMERICS

As any professional knows, there are three steps to painting: preparation, preparation, preparation. You can further break down the three steps to include:

1. Crack repair
2. Surface preparation
3. Perimeter detailing

**Crack Repair**—Crack repair covers all cracks which are visible. If you merely paint over the cracks with house paint, you wind up with good looking cracks. Cracks must be repaired or compensated for with coatings designed for the task. As you recall, stucco is not designed to hold the structure together, but to act as a decorative, durable, economic and weather resistant envelope. If there are no control joints or improperly placed control joints and the structure moves, you get a crack. This crack is the building's message to the contractor that a control joint was probably needed in this wall to compensate for the movement. Repairing such cracks with a rigid cement based material or stucco mix would not be a good selection. We need to use a material with good elongation and flexibility to compensate for the continued movement in these areas. Below is a rule-of-thumb chart which can be used when dealing with cracks of various dimensions and materials commonly used for their repair.

### CRACK SIZE AND PRODUCT DESCRIPTION & METHOD OF TREATMENT

.004-.010 (4-10 mils) Hairline shrinkage cracks of this size will usually be filled by normal coating procedures.

.010-.032 (10-32 mils) Elastomeric coatings will fill and span cracks up to 1/32". A credit card width or greater needs to be treated with an elastomeric sealant in a separate step.

.032-.125 (32-125 mils) Cracks from 1/32" to 1/8" (125 mils) require treatment with a brush grade elastomeric sealant applied in a 2" wide band, crowned at the center and feathered at the edges to conceal the repair.

.125-.250 (125-250 mils) Treatment of cracks 1/8" to 1/4" can be accomplished by using the same procedure as above but the crown at the center of the elastomeric sealant should be 63 mils (1/16") to compensate for anticipated movement. Also a rule of thumb on cracks approaching 1/4" would be to treat in the manner below.

.250-.500 (250-500 mils) We are talking serious movement cracks...1/4" to 1/2" stucco cracks indicate some sort of problem with the initial application, design or substrate. You may repair these dimension cracks using a urethane sealant. The joint (crack) must be ranked to a 1/4" minimum for the urethane to conform to manufacturer's specifications. Watch out with your personal warranty on these movement cracks; you may be buying a job for life.

**NOTE:** Every project will differ in design, style and stucco application. You must make a professional opinion if the stucco is too far gone to salvage in the worst case scenarios. Make sure the stucco has integrity and is properly fastened to the framing members. No amount of repair or effort in the coatings and sealant department will hold the building together for any length of time. These applications are for minor stucco cracking. For more complex joints, cracks and treatments we would suggest contacting the Sealant, Waterproofing & Restoration Institute (SWRI), 816/561-8230.

**Surface Prep** - It's a good practice to repair the major cracks prior to power washing the building for the simple reason of flood control. You don't want to inject any more water into the building than is necessary, since it does eventually have to exit and could cause further delamination of existing coatings or degradation of the substrate or sheathing.

When repairing and recoating a stucco surface which was integrally colored (no previous paint applied), a surface conditioner may be necessary to control the suction of the porous stucco matrix. The surface conditioner will also help disguise any crack repair completed using elastomeric sealants by reducing flashing (shiners). Flashing of the sealants is usually pronounced when using a flat

(continued on Page 9)

masonry paint. The resin rich sealant is on the surface which inhibits any penetration of the masonry paint resin. These resins and the resin of the sealant are now on the surface of the sealant which shine compared to the flat sheen of the surrounding stucco. Shiners will eventually decrease in their appearance; but don't hold your breath. The use of a quality elastomeric acrylic waterproof coating in conjunction with the sealants will eliminate the problem.

Most coatings require a clean, sound surface; free from dust, chalk, mildew, efflorescence, laitance, grease, oil and other foreign contamination.

The most common methods of surface preparation include waterblasting, sandblasting, sand injection wet blast, acid etching or cleaning, chemical cleaning or removal of existing coatings, wire brushing, and plain old hand scraping. The objective is to obtain the most sound substrate possible without causing further damage.

If the surface remains chalky or friable (crumbly or sandy) after the above steps or preparation you will need to apply a masonry surface conditioner.

**Perimeter Detailing** - The last point in the prep area concerns proper perimeter detailing. You now have the cracks repaired and the surface prepped ready for coating. Don't forget to caulk all of the cracks, openings and interfaces on the building. Install a quality elastomeric sealant (acrylic, urethane or Kraton polymers) around all windows, doors, flashing, protrusions through the walls, terminations and meetings of dissimilar building materials.

This procedure will eliminate water getting behind the wall and causing damage (blisters, bubbles and alkali hydrolysis) to your coating.

You are now ready to install the coating. It is recommended that you apply 100% acrylic products, designed for stucco and engineered for long life expectancy.

### Member News

Tom Clucas, CSI has retired after 22 years as the Kawneer Co. sales representative for Oregon, SW Washington, N. California and Alaska.

On November 1, 1992 Tom and Carol Clucas organized a new company, UNIQUE DESIGN PRODUCTS, INC. and are independent representatives for **Brite Vue Glass Systems, Inc.**, a supplier with a full line of glass products from Total Vision Entrances and glass walls to "custom design" from salad screens to shower stalls. Brite

Vue also supplies security glass for homes, banks, RV's and heavy equipment.

With Tom's knowledge of the commercial and business side of construction and Carol as a professional member of the American Society of Interior Designers, they are qualified to give excellent support to any project in the construction industry.

Tom and Carol are actively seeking other unique, quality products and will add new lines in the near future. Tom has been an active member of the Portland Chapter of CSI since 1970 and intends to continue this association in the future.

### Richard J. Carper 1922-1993

Dick Carper died March 11, 1993 in Yuma, Arizona where he and his wife had a residence since 1985.

Portland Chapter members will remember him as owner of Smithwick Block Co. and also as president of Empire Building Materials both in Portland, Oregon.

Dick joined the Portland Chapter in 1971 and was supportive of our activities, especially through "card ads" in The Predicator and also as an exhibitor in many chapter product shows beginning with the first in 1974.

His survivors include his son Stan who was a Portland Chapter member from 1978 through the mid 1980s when he moved to Bellevue, Washington.



**Portland Chapter Leaders—1992-1993**

President  
 Jim Hirte, CDT 620-0106  
 President-Elect  
 John Lape, CCS 243-2837  
 1990-91 President  
 Dennis Obert, CCS 245-7802  
 Secretary  
 Rick Heiserman 223-1181  
 Treasurer  
 Becky DeClerck, CDT 222-4000  
 Executive Director  
 Margie Largent 620-6573

**Board of Directors**

D. R. Brown, CCS, Prof. '94 224-3860  
 Corwin Hymes, CDT, Ind. '94 620-6617  
 Roy Josi, CDT, Prof. '93 464-7429  
 Dale Kuykendall, CDT, Ind. '93  
 777-5531  
 Ray Totten, CCS, Prof. '93 635-4425  
 John Watson, Prof. '94 721-4666

**Committee Leaders**

Awards  
 John Kehrli 644-7102  
 Certification  
 D. R. Brown, CCS 224-3860  
 Editor  
 Gunnar Forland, CDT 223-9318  
 Education  
 Dennis Obert, CCS 245-7802  
 Membership  
 Lee Kilbourn, FCSI, CCS 224-3860  
 Products Fair  
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 Ivan McCormick, CCS, CSI 292-3958

**Region Directors**

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 McKenzie Commercial Cont. Inc.  
 865 W. 2nd Ave.  
 Eugene, OR 97402 343-7143  
 Sandi Velleca, CCS  
 Arctic Slope Consulting Group  
 301 Danner Ave., Suite 200  
 Anchorage, AK 99518 (907) 349-5148

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$30, total investment \$160. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn FCSI, 315 SW 4th Avenue, Portland, OR 97204.

**The Predicator**

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 6775 SW 111TH AVENUE  
 BEAVERTON, OR 97005

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 & PLANNERS



# The Predicator

Advancement of  
Construction Technology

Portland Chapter - The Construction Specifications Institute

Vol. 32 No. 9

May, 1993

**Seminar:**

CSI/SMACNA  
Metric Training,  
Tuesday May 11,  
10:00a-3:00p, US  
Bancorp Tower  
Floor 26, Room B  
Cost: \$35.00  
(incl. lunch)  
Register early,  
space is limited.  
Call the Association  
office at (503)  
223-8231.

**New Member**

**Orientation:**  
4:30-6:00p  
Floor 30  
Hood Room

**Dinner Meeting:**

May 11, Floor 41  
Meet your col-  
leagues for a no-  
host bar at 5:30  
pm; then dinner at  
6:30 (\$18). Please  
make your res-  
ervations by  
noon on Friday,  
May 7, by calling  
the association  
office at  
(503) 223-8231.

Can't make din-  
ner? Come for the  
meeting at 7:30.

## METRIC IS COMING! WILL YOU BE KILOMETERS AHEAD OF THE CONVERSION OR LEFT MILES BEHIND?

The Portland Chapter of the Construction Specifications Institute (CSI) and the Columbia Chapter of the Sheet Metal and Air Conditioning Contractor's Association, Inc. (SMACNA) are co-sponsoring a training session by **Mr. Otto Schick** on the use of the metric system in construction. Mr. Otto Schick is a nationally prominent authority on the use of the metric system in construction. As Co-Chairman of the Federal Government Pilot Projects Committee and a principal author of the Metric Guide for Federal Construction, Mr. Schick has provided metric training to several thousand architects and engineers and numerous organizations, including the U.S. Army Corps of Engineers, NASA, the Department of Energy, and the General Services Administration. Mr. Schick has been involved with metric construction projects in the U.S. since 1989 and is currently Project Manager for a new \$75 million Federal Building in Philadelphia designed entirely in the metric system.

This is an excellent opportunity to obtain valuable training to use the metric system in your work. The training session will outline technical specifics of metric conversion, cost of designing and building in metric, available metric specifications, the most useful metric reference documents and metric rules-of-thumb, code issues, metric cost estimating, and will review construction documents from Federal metric projects.

Mr. Schick will join CSI Portland for our regular monthly meeting. He will discuss past and present metric projects, conversion activities of government agencies, private organizations and industry, metric product availability and foreign design

practices, followed by a question and answer period.

The Federal Government is rapidly converting to exclusive use of the metric system. The next project you work on that is receiving federal funds may require the use of the metric system. This is your opportunity to obtain valuable training from a recognized expert and exchange your ability to profit by the transition to the metric system.

These two programs have been made possible in part by the CSI Portland Technical Committee, Columbia Chapter SMACNA, and the General Services Administration Design and Construction Division, Region 3.

## THE REAL WORLD

by Ed Loy  
Lemons Milwork



**NEXT  
MEETING**

**TUESDAY  
May 11, 1993**

**ATWATER'S  
RESTAURANT**

**US BANCORP TOWER • 111 SW 5TH AVENUE • 41ST FLOOR**



(Jim Hirte's column will not appear this month.)

**Willamette Valley Chapter presents  
a CSI Educational Seminar**

**BUILDING FOR EARTHQUAKES  
IN THE NORTHWEST  
The Northwest's Next "BIG ONE"**

June 10, 1993, 7:30 am - 5:00 pm

**Geological Issues**

- Dr. Ray Weldon, U of O Geology Department
- Buildings-Earthquake Resistant Design
- John Hooper, Structural Engineer
- Insurance-Property Insurance, Coverage and Cost
- Ray Klembith, CPCU, ARM
- Insurance-Professional Liability Coverage
- Larry C. Buck, CPCU, CIC
- Building Officials, Rules and Inspections
- Jerry Barbera PE, NW Region Manager of ICBO
- Architectural Design
- Roger Yost, Architect
- Retrofitting Our Existing Buildings
- Mark Richards, Structural Engineer
- Emergency Preparedness and Response
- Cris Jonientz-Trisler,
- Federal Emergency Mgmt. Agency

**CODE CHANGE  
SUMMARY AVAILABLE**

The City of Portland has compiled a summary of changes to the Uniform Building Code (UBC). This summary covers differences between the 1988 and 1991 versions and includes the State of Oregon amendment changes. Chapter 31, Accessibility, are omitted because the changes were so extensive. There is an update on errata changes to Chapter 31. Also included are a number of appendix items from the "Illustrated Revisions, 1991 Building Code" and selected City of Portland policies.

The cost of the complete volume is only \$2.50. Copies may be purchased at the City Permit Center and at the AIA/CSI and AGC offices.

**BUILDINGS FOR EARTHQUAKES**

June 10, 1993—8:30 a.m. to 4:30 p.m. (registration begins at 7:30 a.m.) **Valley River Inn, Eugene, Oregon**

Yes, I am going to attend CSI's seminar about **Earthquakes and Construction in the Northwest.**

Name \_\_\_\_\_ Title \_\_\_\_\_  
 Organization/Firm \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_

For myself as primary attendee (1 registration @ \$82.00) ..... \$82.00

For \_\_\_\_\_ as the second attendee (1 registration @ \$74.00) . . \$ \_\_\_\_\_

For \_\_\_\_\_ as the third attendee (1 registration @ \$66.00) . . . \$ \_\_\_\_\_

(The seminar manual, a continental breakfast, breaks and lunch are included in the fee.)

(Additional attendees are \$66.00 each; please attach list.) **TOTAL REGISTRATION FEES: \$ \_\_\_\_\_**

Enclosed is a check for the above Total Registration Fees.

(Make fees payable to: WVC/CSI Educational Seminars.)

Please charge to VISA/Mastercard (please circle one) # \_\_\_\_\_

Name on card \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature (required) \_\_\_\_\_

You may fax, mail or phone for registration info to **WVC/CSI Education Seminar, Attn: Mr. Al Schoener, P.O. Box 1067, Eugene, Oregon, 97440, phone (503) 683-7776, fax (503) 683-5749.**

**Note! Room reservations are available at the Valley River Inn, starting at \$85 for singles, with special rates for government agencies. Call (800) 543-8266 for reservations.**

## BS BY KS

### Basic Specs by Ken Searl

Several times I have been asked to write about Portland CSI Chapter's highest award, The Al Hansen Memorial Award. This award is given to a Chapter member for outstanding individual contribution. This award is restricted to one award per year.



Albert M. "Al" Hansen (1890-1974) Member Emeritus was a charter member of our Chapter and is also named in the "Articles of Incorporation." Al served on the Board of Directors in 1966, 1967 and 1968. He chaired the 1963 Nominating Committee and chaired the Membership Committee in 1966, 1967 and 1968. Al was a representative of The Northwest Lath and Plaster Bureau an organization founded in Portland in the early 1940's. He served in this capacity for approximately 15 years.

Al's introduction to plastering came in 1904 when Portland's Worlds Fair buildings were being built in Montgomery Park area (Mocks Bottom). Yes, Portland was host to a Worlds Fair and also CSI's 1974 National Convention. His plastering interests and recognition of his ornamental plaster ability and talent took him to Victoria, BC in 1911, then to Seattle and back to Portland. Projects included OSU Library in Corvallis, SP Depots in Salem and Portland, Federal Building in Portland and City Hall in Portland. It is noted that when some radicals blew up some lower portions including some scagliola (imitation marble ornamental plaster) columns of the City Hall in later years, Al was one of the few people that had experience in scagliola marble work and he gave a lot of his time in assisting in repair of several columns at the lower east side of the Portland City Hall. Drive by City Hall and look at those beautiful restored columns.

Al invented the "Hansen Rock Gun" a tool used to create exposed aggregate of marble or quartz on a Portland cement background. This method has been used nationwide and is known as "Marblecrete."

Al rose to his greatest height by becoming an ornamental plasterer known for his ability to accept the challenge of performing the impossible jobs with confidence and enthusiasm that led many others to perform likewise. Al was truly a

great leader in his field. Al gained the respect and admiration of all those he associated with and believe me that includes your writer.

Al received awards from other associations. Among them are the Guildsman's Award in 1930 with a Certificate of Meritorious Service (Oregon State Apprenticeship Council). Also a Certificate of Appreciation from the AIA sometime near this time frame. In 1964 he was awarded the Congressman of the Year (Oregon Building Congress). In 1969 he was awarded a Service to the Profession Plaque from the Northwest Plaster Bureau.

One last note, Al was instrumental in helping with the restoration of the Hoyt Hotel located near the railroad station in Portland. It was a beautiful job and the interior was certainly something of beauty to admire. They used it for a few years and then they demolished the entire structure. There are many of us that well remember Al and our lives were enriched with our association with Al. He was a logical candidate for our Chapter's highest award.

*History of  
Al Hansen  
Memorial Award*

A continuing education seminar presented jointly by the Oregon Chapters of the American Society of Interior Designers and the Institute of Business Designers:

### GLOBAL CHOICES

Global and Local Issues  
The Indoor Environment  
Environmentally Sound Products  
Environmental Projects

Saturday, May 8, 1993

8:00 am - 3:30 pm

Six hours of class

Registration, lunch, 2 breaks

Speaker: Victoria Schomer ASID  
CEU Credits: 0.6

Cost: \$40-90 (depending on affiliation)

Location: Design Center

(Montgomery Park)

2701 NW Vaughn, Suite 633

Portland, Oregon 97210

Further Information:

Margaret Franz, ASID, IBD—  
226-4151



## FEBRUARY 9, 1993 CSI MEETING RECAP

### Lloyd 500 Building Energy Systems Upgrade

On Tuesday, February 9, Mr. Paul David, engineer and project manager at MicroGrid, presented a case study of the Lloyd 500 energy renovation project. With slides that included performance and payback charts and photographs, Paul talked about the project design and the implementation of the renovations that translated into dramatic savings in energy and overall operating costs.

MicroGrid provided project management for Portland Development Corporation, including an analysis of building energy costs and specific renovations with payback periods, controls technology, equipment specification and installation.

In a nutshell, the Lloyd 500 building now has a space conditioning system that delivers specific amounts of heating and cooling based on information collected at the location where service is needed. While conventional HVAC systems maintain a uniform temperature throughout the entire building, the smart system installed by MicroGrid can condition a single area as needed. No more working late in a freezing office for the occupants of the Lloyd 500 building! Many times throughout the program, one could hear murmurs and comments regarding how obvious the principles seemed and wonderment that we haven't always done things this way.

At the technical follow up on Wednesday, February 10 at MicroGrid's office, president Terry Egnor discussed the need for comprehensive energy with a team approach. We had an opportunity to see the computer interface that controls the cooling and heating delivery by measuring 3,500 points of the building's interior climate. It was a fascinating view into new energy control technology.

*Jody Moore*

## WILLAMETTE VALLEY CHAPTER TRADE SHOW COMMERCIAL CONSTRUCTION EXPO '93

Thursday, May 6, 10:00 am - 7:00 pm  
Lane County Fairgrounds  
13th & Monroe, Eugene, Oregon

- Specification Improvement Display
- Bidding Workshops
- OSHA Fall Protection Demo
- Waterproofing Demo
- ADA Seminar 3 pm\*

## WHAT'S HAPPENING WITH ADA?

(Presented in conjunction with  
**Commercial Construction Expo '93**)

Fee: \$10.00 (pre-registration requested)  
Contact:

Karin Pollara  
860 McKinley St.  
Eugene, OR 97402  
484-5331

### ***Around the Region . . . a calendar of meetings***

Cook Inlet (Alaska), Anchorage, Third Tuesday, contact Ken Maynard (907) 276-4218.

Idaho, Boise, First Tuesday, contact Scott Henson (208) 345-6677.

Mt. Rainier, Tacoma, Third Tuesday, contact Cheryl (206) 383-3084.

Portland, Second Tuesday, contact Jody Moore (206) 574-3449.

Puget Sound, Seattle, Second Thursday, contact David Jackson (206) 223-5555.

Salem, Second Thursday, contact Darwin Doss (503) 581-5151.

Spokane, Second Thursday, contact Tom Crossan, (509) 327-6633.

Willamette Valley, Eugene, Last Thursday of month, contact Paul Edlund (503) 485-1941.

*The contacts given above are the program chairs or an officer of the various chapters.*

*Lloyd 500  
Building has  
high IQ!*

*Murmurs and  
Wonderment!*

### ATTENTION—ALL NEW MEMBERS NOT YET ORIENTED

New Member Orientation will take place just prior to the May 11th meeting, 5:00 to 6:00 p.m., on the 30th Floor, Hood Room, US BanCorp Tower.

Please come and meet chapter leaders and committee chairs. We will hand out your new membership pins as well.

RSVP: Inge—635-6227



**Donna Armstrong**  
with her associate **Kip Wheeler**  
of **Construction Data**  
(Kip will be our next new member.)



**Kevin Spellman**  
**Emerick Construction**

### NEWLY ORIENTED PORTLAND CHAPTER MEMBERS



**Judy Andreen**  
**Attorney At Law**



**Steve Crouch**  
**Engineer with Tri-Met**

### PROPOSED CALENDAR: 1993-1994 CSI PROGRAMS

Jody Moore—Program Chair  
284-6799

September—Fall Extravaganza  
October—Joint Meeting with AGC  
November—PRSC, Solid Surfacing  
December—Pam Young & Peggy Jones,  
Getting Organized  
January—PRSC, Energy Forecast  
February—SECO/CECO, Joint Meeting  
March—PRSC, Color  
April—AIA Joint Meeting, Light Rail  
May—PRSC,  
June—Awards, Family Picnic

### TABLE TOP DISPLAYS MAY 11, 1993

**Marty Lundell,**  
**Unistrut**

**Katheryn Knudsen-Wissler,**  
**Tile Distributors**



Join The

# CSI JUNE AWARDS PROGRAM

At The New

## Skamania Lodge IN THE COLUMBIA GORGE

### Friday, June 11, 1993

See and experience the new Skamania Lodge for the first time when CSI holds its annual Awards Dinner and presentation. Not only will we be honoring many of the longstanding CSI Members and installing new officers but we will have entertainment as well. Social Hour starts at 5:30. Allow about 45 minute drive time.

In an effort to organize this program early we have currently had Skamania Lodge hold a block of 25 rooms for the CSI group at a discounted rate. As we have to guarantee those rooms to be able to hold them and the rate we need to have anyone interested in staying at the Lodge Friday night make your reservations prior to April 1, 1993. After that date we won't be able to hold the rooms.

The rates for the rooms are:

- Forest view rooms - \$90.00      Family Room - \$125.00
- River view rooms - \$99.00      Fireplace suites - \$145.00

Call 274-5432 to reserve your room as soon as possible and say you are a member of CSI!!!!!!

We will also have a nine hole golf scramble on the new Skamania Lodge course starting at 1:00 P.M. on Friday. Four man teams based on handicaps will vie for the CSI Championship. As we have only nine holes to play make sure you enter soon to assure your spot in the Tournament!!!! We'll let you know the cost as soon as we can.

If you have questions, please call Jim Rother at 452-8550.

---

#### CSI TOURNAMENT ENTRY SLIP

Name: \_\_\_\_\_ Phone# \_\_\_\_\_ Handicap: \_\_\_\_\_

Other Players you want on your Team: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PORTLAND CHAPTER CSI  
BOARD OF DIRECTORS  
MINUTES OF MEETING, MARCH 2, 1993

The meeting was called to order by President Jim Hirte at 12:075 p.m. at the AIA/CSI office. Present: Brown, Heiserman, Hirte, Hymes, Kuykendall, Lape, Largent, Totten, Watson. Absent: DeClerck, Josi, Obert. Also present: Kilbourn, Forland, Searl. **Discussion:** Minutes of the January 5, 1993 Board of Directors meeting were approved as read. **Treasurer's Report:** A current balance for both the checking and savings accounts given along with expenditures for February.

*Budgeting for the future.*

**Correspondence Reports:** 1. Margie Largent read a letter from Roy Josi about his auto accident four months ago. This letter will be published in the April Issue of The Predicator. 2. John Lape presented copies of letters he sent to National Association of Women in Construction (NAWIC) stating the Chapter will contribute to their upcoming presentation and to the City of Portland Landmarks Commission to inform them about CSI.

*Early departures, a timely topic for Jim Hirte.*

**Old Business:** 1. The Chapter's lease with AIA was discussed with Sandra Wark. It was noted that specific wording about storage space that had been agreed upon was not included. Lee Kilbourn suggested that the lease be signed with letter attached describing details about the storage area. 2. The 1993/94 Chapter budget was presented. It included a breakdown of expenses for: Institute, Region, Leadership Conference, Chapter Operations, and Activities. It was noted that the 1991/92 budget actual costs were about \$5,000 less than had been budgeted. A motion was made by John Lape and seconded by Ray Totten to accept the budget as shown with the following revisions: A. Income for the Products Fair be increased by \$5,000; B. Increase expenses for the Membership Roster by \$500. Motion passed. 3. Revisions to the By-laws by Ken Searl is nearly complete and will be sent to the Institute shortly. Lee Kilbourn suggested that the revisions include a statement that if the Institute wishes to revise the Chapter's By-laws, adequate time must be given for a response.

*New membership directory is now available.*

**New Business:** 1. John Lape emphasized to the Board that the Committee Chair needs to identify those members who are appropriate for future leadership roles and who would be interested in attending the Region Leadership Conference. 2. Accommodating other organizations at the Chapter's Products Fair was discussed. Interest has been expressed by other organizations to present their ideology at the Fair. It was noted that the Chapter shares a booth with AIA. The issue was tabled until an opinion on past policy is

researched. 3. A concern was raised about people leaving the Chapter's evening meeting either before or during the time of the program. Jim will make mention of this issue in his next column and will announce it at the meeting. 4. An increase in the Chapter dues was discussed as a means of developing future income to the Chapter. It was noted that current dues are about average for chapters in the region. This issue will be carried over to next month for further discussion. 5. A draft of the Chapter's Directory was distributed by Lee Kilbourn. This has been presented to the publishers and should be ready for distribution in May. 6. Notification of the Products Fair was given out at last month's Chapter Meeting. Individual mailings to those who had booth space last year will be sent soon.

**Committee Reports:** Due to the number of business items presented at the meeting, committee reports were not presented.

**Next Meeting Date:** April 6, 1993.

Meeting was adjourned at 1:15 p.m.

*Richard Heiserman  
Secretary*

---

## ELECTION RESULTS

The Board of Directors of the Portland Chapter CSI announces the following election results FY 93-94:

**President-Elect:** Dale Kuykendall

**Secretary:** Rick Heiserman

**Treasurer:** Katheryn  
Knudsen-Wissler

**Director/Professional:** Jim Wilson  
Larry Chew

**Director/Industry:**  
Pat Murphy

---



## CONTRACTOR'S SHARE GROUP Q & A COLUMN

**Question:** What "Job Conditions" problems do you encounter in performing 06200, 06400, and 12300 work?

**Answer:** The occasional problems we have regarding job conditions usually occur when the general contractor is under pressure to maintain his schedule or is trying to accelerate it. To cite some extreme examples, we have been requested to install casework before the board and finishes were on the walls and before the windows were in place.

The most common problem we encounter is inadequate heat in new buildings, especially in cold winter months, accompanied by high humidity which is exacerbated as wet operations dry slowly. Under these conditions, wood and plastic laminates can react severely, and beautifully crafted work can look shoddy before the project has been completed.

The central message in this reply is that, with current materials and technologies, there is a practical limit to how quickly buildings can be constructed. Delays suffered early in the schedule cannot be made up by rushing finish work without jeopardizing the quality of the building.

*Answer submitted by a casework and architectural woodwork subcontractor.*

**Question:** What is a reasonable amount of time for substitution requests with relation to the amount of time available for review of bid documents?

An example of the type of situation that would spur such a question occurred this month at the Construction Data Plan Center. A job, which bids on the 15th of April, was received on the 6th of

April. It was available for review on the 7th of April. Section 01640 stipulates that there is a deadline of *seven* working days prior to bid date for submittals of CSI substitution requests. Furthermore, the facsimile submittals of the CSI request forms was not acceptable. It is apparent from the availability of the bid documents, there were not seven full working days available for the substitution of any request forms. Coupling this with the fact that much of the work that contractors and subcontractors do is not through the plan centers and, subsequently, plan center activity is normally scheduled for one or two days in a work week, it is easy to see that this schedule for substitutions is impossible to meet on this project.

**Answer:** The answer is a compilation of responses from three different Portland architects, who all share these basic points:

1. Depending on the complexity and scope of the project, three weeks is the length of time hoped for, but this is not cast in stone. There are a number of factors which will influence this, including the owner's schedule for construction.
2. In section 01640, the length of time for substitution requests is more commonly seven "calendar days." I would like to take weekends and holidays off too, but in the real world it just doesn't work like that!
3. When it becomes apparent that there is not a reasonable amount of time, an extension should be requested. The spirit of the substitution request system is to provide the owner with cost savings by creating a competitive environment.

*Turning up the heat on problems in Sec. 06200, 06400, 12300.*

*Substitution request info can be located in Instructions to Bidders, Supplementary Instructions to Bidders and Sec. 01640.*

*Substitution requests, take a holiday!*



## INDUSTRY NEWS

### Metric: Going Ballistic

Velocity is expressed differently in metric. If you want to know how fast something will travel (like fluid in a pipe or gas from a vent), you apply metric measure in terms of meters per second (M/s). Moving one meter per second is the equivalent of 3.281 feet per second.

The meter-per-second rule should be used in engineering calculations except for very low velocities where it would be almost meaningless. Instead, millimeters per second (mm/s) is used.

**Problem:** Water velocity in a boiler tube travels 7 ft/sec. What does this convert to in metric?

**Solution:**  $(7 \text{ ft/1s}) \times (1 \text{ m}/3.281 \text{ ft}) = 2.1 \text{ m/s}$ . Go figure.

*From The Metric Construction Newsletter  
Published by the National Institute of Building*

### Metric Quiz

Test your metric skills:

1. An elevation is given as 872.50 meters. What is the elevation in feet (rounded to the nearest foot)?

- a—1873
- b—2863
- c—3718
- d—4363
- e—8720

2. A cubic foot of a certain material weighs 124.8 pounds. What is the mass, in grams, of one cubic centimeter of the same material?

- a—0.5
- b—1.0
- c—1.5
- d—2.0
- e—4.0

The correct answers are: 1—b, 2—d.

*from NICET Newsletter, December 1992  
Published by the National Institute for  
Certification in Engineering Technologies*

### ICBO To Add Metric Units to Uniform Codes—Conversion Will Create Hardship for Some Product Manufacturers

The International Conference of Building Officials (ICBO) plans to add equivalent metric units to the 1994 editions of the Uniform Codes. While the Uniform Codes already include conversion tables, parallel metric units follow the efforts of the U.S. Government to convert the construction industry to the metric system.

According to ICBO, the metric conversion "will make the whole construction industry more global—we're about the last major economic power in the world whose construction is not on the metric system," says Roy Fewell, vice-president of Membership Services, ICBO.

ICBO is among the first to admit that some industry product manufacturers will have to use both measurements for some time. For instance, lumber products can be changed to metric, but the demand for standard English-measured products will continue for perhaps years due to the need to maintain the inventory of existing buildings.

Tom Briggs, Manager of Code Development for ICBO, notes that changes to the modular dimensions of production will often have a substantial economic impact, not only on the industry manufacturing the product, but also on the distributors, users, and the public. One serious question facing the industry will be determining how to expand existing inventories.

The existing stock of the lumberyard, plumbing distributors, and similar wholesaler/producers could double until construction that is built to standard measure units is no longer maintained, says Briggs.

*from Building Standards Newsletter  
January 1993*

*Converts begin here*

*ICBO already includes conversion tables, but soon the tables may be turned.*

*A long reverberation time throughout the industry.*



**Portland Chapter Leaders—1992-1993**

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President-Elect	
John Lape, CCS	243-2837
1990-91 President	
Dennis Obert, CCS	245-7802
Secretary	
Rick Heiserman	223-1181
Treasurer	
Becky DeClerck, CDT	222-4000
Executive Director	
Margie Largent	620-6573

**Board of Directors**

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Corwin Hymes, CDT, Ind. '94	620-6617
Roy Josi, CDT, Prof. '93	464-7429
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EKA ARCHITECTS  
& PLANNERS



*Advancement of  
Construction Technology*

# The Predicator

*Portland Chapter - The Construction Specifications Institute*

Vol. 32 No. 10

June, 1993

## The CSI JUNE AWARDS PROGRAM At The New Skamania Lodge IN THE COLUMBIA GORGE Friday, June 11, 1993

### *Dinner Meeting:*

*June 11, 1993 at  
the Skamania  
Lodge.*

*Meet your  
colleagues for a  
no-host bar at  
5:30 pm; then  
dinner at 7:00.  
\$20.00*

*Please make your  
reservations by  
noon on Tuesday,  
June 8, 1993 by  
calling the  
association office  
(503) 223-8231.*

See and experience the new Skamania Lodge for the first time when CSI holds its annual Awards Dinner and presentation. Not only will we be honoring many of the long-standing CSI members and installing new officers, we will have entertainment as well.

Social hour starts at 5:30 pm. Dinner will be served starting at 7:00 pm. During dinner Mark Allen of the Brasserie will be touring the dinner tables performing feats of magic.

After dinner we will hear from Matt Leeding, project superintendent for Walsh Construction about the actual construction of the Lodge and from Jeff Hamilton, Project Architect for Ankrom, Moisan Architects, about the design of the resort.

Recognition of long-standing CSI members, installation of new officers and the Award Ceremony will follow.

Call the Association Office at 223-8231 by Tuesday, June 8, 1993 to make your dinner reservations for the Awards Dinner.

We will also have a nine hole golf scramble at the Beacon Rock Golf Course, six miles west of the Lodge, starting at 1:00 pm on Friday. Teams of four, based on handicaps, will vie for the CSI Championship. As we have only nine holes to play make sure you enter soon to assure your spot in the Tournament!!!

Green Fees will be \$10.00. There are six carts available on a 'first come' 'first serve' basis at \$8.00.

If you plan on playing please contact Jim Rother, P.O. Box 19789, Portland, OR 97280 or call 503/452-8550 or fax 503/293-0134.

If your firm is interested in sponsoring a prize for the tournament, please note that on your entry slip.

Remember, only the first 36 entries will get to play. Sign-up will be cut-off by June 4, 1993 (or whenever the tournament is filled up).

**NEXT  
MEETING**

**FRIDAY  
June 11, 1993**

**SKAMANIA  
LODGE**

STEVENSON, WA. - EAST ON I-84 TO BRIDGE OF THE GODS, CROSS BRIDGE & TURN RIGHT ON HWY SR 14, CONT. 1 MILE TO ENTRANCE



### The President's Message



**Jim Hirte, CDT, President**

*Exodus -  
Good Novel,  
Bad Manners*

Wow! Two years went by fast! It is hard to believe this is my last column. But frankly, I'm ready for the break. John Lape has a bang up start on next year with committee chair commitments and a budget for 93-94 already approved by the Board! Many thanks go to John for all his help this last year, and best wishes for his coming tour of duty. The Chapter will most certainly benefit by John's leadership and enthusiasm for CSI.

I must appeal to our members to improve on our manners. We have had some excellent programs this year, with a lot of effort made to bring them to you. We also have tried to present programs of interest to the broad spectrum of our memberships. Well, turnout has been great — for the social hour and dinner! Then comes the break and mass exodus. Very honestly, it is embarrassing for us as a chapter, for the people that work hard to bring the program to you, and certainly our speaker(s) to step to the podium and look out to half empty tables that were full moments earlier. It is plain bad manners, poor etiquette, or whatever you want to call it. I urge you — if you make dinner reservations, show the courtesy of showing up and then staying for the program. If you just want to have a couple of drinks, eat dinner and then run, take your potential clients out on a different evening. Don't misuse the CSI monthly dinner meetings. Don't get me wrong! The meetings are for networking and the exchange of information; we just need to give proper respect to the program itself.

I hope you didn't wait too long to make your reservations for Skamania Lodge. It's a sell out — at least as far as the special rate CSI rooms go! Still plenty of room otherwise, though, and even

if you aren't staying overnight, it is a beautiful drive (and short - only 45 minutes from downtown Portland) and worth the effort. Come and join us for fun, relaxing evening where we honor and thank those who work so hard on behalf of CSI.

Lastly, I am not going to make a long list of people I want to thank for helping, pushing, prodding me this last couple of years like the Oscar winners do. I just want to say it has been a great pleasure, a lot of fun, some work, and an honor to serve as your president. I look forward to continuing as an active member in this great Chapter.

### **Around the Region . . . a calendar of meetings**

Cook Inlet (Alaska), Anchorage, Third Tuesday, contact Ken Maynard (907) 276-4218.

Idaho, Boise, First Tuesday, contact Scott Henson (208) 345-6677.

Mt. Rainier, Tacoma, Third Tuesday, contact Cheryl (206) 383-3084.

Portland, Second Tuesday, contact Jody Moore (206) 574-3449.

Puget Sound, Seattle, Second Thursday, contact David Jackson (206) 623-4646.

Capitol, Salem, Second Thursday, contact Darwin Doss (503) 581-5151.

Spokane, Second Thursday, contact Tom Crossan, (509) 327-6633.

Willamette Valley, Eugene, Last Thursday of month, contact Paul Edlund (503) 485-1941.

*The contacts given above are the program chairs or an officer of the various chapters.*

## BS by KS

Basic Specs by  
Ken Searl



*The Predicator thanks Ken for his invaluable contributions.*

In last month's issue of The Predicator an article by the Contractor's Share Group discussed Substitutions and answer #3 stated that when it becomes apparent that there is not a reasonable length of time, an extension should be requested. I do agree with their earlier statements that usually not enough time is allowed for submittals. They refer to 7 and 10 days prior to bid opening and neither one is adequate. That is the reason my firm sets ours at 5 days prior to bid opening. What I do want to point out is even at 5 days we keep getting late submittals with a varied bunch of reasons why they couldn't get them in any sooner. Some of the reasons are little Jim Dandys.

I don't believe there is a correct answer for all this mainly because contractors, suppliers and subcontractors just don't normally begin to figure a bid until it is already too late. Years ago we sent out two different projects with 6 weeks time between obtaining contract documents and bid time. Yes, you guessed it, they did not figure their bids until it was Too late. Until the time arrives that the requestors of a substitution request gets their time frame under control there isn't much we can do. In other words they are part of the problem.

It was also stated that the spirit of the substitution request system is to provide the owner with cost savings by creating a competitive environment. This all sounds good but often times the only reason for a substitution request is because a product may be cheaper but in many cases just plain not as good. If the specification calls for two or more equal or similar choices, then we do have competition.

Now, some other items. Are faxed contracts legally binding? This question comes from an article in Glass Magazine, October 1992 and states that there are over 7 million fax machines in the United States. It is obvious that a good deal of business is carried on via telephone circuits. If one faxes a legal signed document and follows up with a hard copy, just what is legal? It seems nobody knows. No direct ruling has been made whether or not a faxed document is legal. It appears there are technical issues involving rules of evidence in law that infer that

a fax document is only a copy. I ask how can it be only a copy when it arrived first? [the point is, it's not an original. A copy mailed before the original is in the same category. My question - is that a problem? The issue of faxed contracts enforceability has not yet been decided. I do notice that many of us are sending various fax documents without a hard copy to back them up.

Another bit of information I discovered is that architects may be liable if proprietary specifications fail. It is a remote possibility but could happen if all or part of a proprietary specification was installed not using specified components and a failure resulted. This points out an architect better ascertain just what is installed.

A recent Industry News Report stated that a questionnaire sent out to Contractors by Engineering News Record indicated that 85% of specifications have major omissions. Two items of importance from architectural specifications listed (1) Ceilings that do not match electrical or mechanical drawings. (2) Bid Alternatives and phasing of construction are not clearly defined. Also mentioned are site improvements including finish floor elevations, contours, and locations of existing underground and above ground utilities. Well, I must agree on is item because in all my years in various construction disciplines, I can't remember a site plan that was accurate.





**MARCH PROGRAM  
"ECONOMIC  
OUTLOOK FOR OUR  
REGION"**

By Larry Campbell,  
Speaker of the House, State  
of Oregon



Don Eggleston, SERA Architects, Dick Kissick,  
Crossfield Products Corp., Bruce Townsend, SERA  
Architects

**KILBOURN TO RECEIVE AIA FELLOWSHIP**

*AIA/CSI,  
Lee Kilbourn  
plays "Fellow  
The Leader".*

Lee Kilbourn, FCSI CCS, has been elevated to the American Institute of Architects National College of Fellows for his notable contributions to the advancement of the profession of architecture.

Fellowship is the highest honor the AIA can bestow on any member with the exception of the Gold Medal. It is conferred on members with at least 10 years of continuous membership who have made significant contribution to the aesthetic, scientific and practical efficiency of the profession; to the standards of architectural education, training and practice; to the building industry through leadership of the AIA and other related professional organizations; to the advancement of the living standards of people through their improved environment; and to society through significant public service.

Mr. Kilbourn's accomplishments in coordinating the building industry and the profession of architecture revolve around his many years of service on the AIA Documents Committee and the AIA Masterspec Review Committee, and his continuing contributions as a Documents Committee Resource Member. Lee has been responsible for developing specifications of major work undertaken by ZGF over the past 25 years. His efforts have contributed significantly to the technical quality of the firm's nationally-recognized work, and the honor in 1991 of the AIA Architectural Firm Award.

Lee is believed to be the first individual from the West Coast to be recognized by both CSI and AIA for service and dedication to the profession. Nationally, there have been fewer than 20 so recognized since CSI was founded in 1948. Until this year, there were no "Double Fellows" west of Dallas. This year Maynard Blumer, FCSI CCS, of Phoenix, Arizona was elevated in AIA - so now the West has two.



Inge with David Stewart, Stewart Co.,  
March Table Top Display



Kathryn Knudsen-Wissler, Linda Joens, Trym-Tex,  
Inc., March Table Top Display



Robert Klas, Ehmann-Klas Architects comparing notes  
with President Jim Hirte, Colamette Construction

THE PREDICATOR - HISTORY

In 1970 [the year of our first awards banquet] THE PREDICATOR editor Don Kroeker presented two hard bound volumes (now part of a set of volumes of THE PREDICATOR through Vol. 31 FY '92 of THE PREDICATOR) to the chapter president Lee Kilbourn and the Chapter Archives.

We can assume that Kroeker made an assumption that THE PREDICATOR should, retroactively, be given volume and issues numbers starting with the 'assumed' first (continuous) use of the name. Eight volumes back would be September 1961 (Fiscal year 1962). This is not technically accurate since the June 1961 issue had also used THE PREDICATOR but the balance of the fiscal year 1961 issue used PREDICATOR only.

The very first use of the name THE PREDICATOR was on the November 1959 meeting notice. However, PREDICATOR was used on the December 1959 notice and no use was made of the word "Predicator" until January 1961 (13 months later) when PREDICATOR superimposed over the CSI symbol was used. Program bulletins February through May 1961 read THE CSI PREDICATOR. Close but starting June 1961 THE PREDICATOR (second time only) is used [and has consistently has been our chapter publication title since], so assuming that June 1961 is the Volume 1, No. 1 issue, should we call the very first THE PREDICATOR Volume 0? Cont. →

Hand Printed  
By  
R. Appleman

THE C.S.I. PREDICATOR FEBRUARY 1961  
PORTLAND, OREGON CHAPTER - CONSTRUCTION SPECIFICATIONS INSTITUTE

TWO MEETINGS TO COVER PAINT

JAN. MEETING A SUCCESS AFTER FALTERING START

THE JANUARY MEETING, HELD AT THE PUBLIC SERVICE BLDG. AUDITORIUM BEGAN IN A STATE OF CONFUSION. IT WAS PLANNED AND ANNOUNCED THAT MR. WALLACE MACDONALD, ARCHITECT OF SEATTLE, REGIONAL DIRECTOR, WOULD INVITE TO OUR CHAPTER PRESENTATION. FORTUNATELY, IN A OUTER LOBBY CONFERENCE WITH MR. DONALD E. PARRIS, ARCHITECT, PAST PRESIDENT OF THE RUGBY SOUND CHAPTER AND PRESENTLY CANDIDATE FOR REGIONAL DIRECTOR, HE CONSENTED TO OFFICIALLY PRESENT OUR CHAPTER TO US, WHICH HE OBACIOUSLY DID.

THERE WAS GENERAL AGREEMENT THAT THE DISCUSSION OF MECHANICAL SPECIFICATIONS, LED BY DONALD KROEKER, CARL RICE, JOHN MACDONALD AND EARL NEWBERRY, WAS ONE OF THE MOST STIMULATING AND INFORMATIVE DISCUSSIONS HELD BY THE CHAPTER. MUCH CREDIT FOR THIS SUCCESS WAS DUE TO THE EXCELLENT PREPARATION OF AN OUTLINE FOR DISCUSSION BY MR. KROEKER.

THE ENTIRE DISCUSSION WAS TAPE RECORDED AND WILL BE MADE AVAILABLE TO THE MEMBERSHIP IN AN OUTLINE SUMMARY AT AN EARLY DATE.

C.I.C. ASKS CSI. INITIATE SPEC. INDEX RESEARCH

CSI BOARD WILL REPORT TO MEMBERS ON MEETING WITH CONSTRUCTION INDUSTRY COMMITTEE REPRESENTATIVES TO ENLIGHTEN DEVELOPMENT OF RECOMMENDED STAND. SPECIFICATION INDEX ACCEPTABLE TO THE LOCAL BUILDING INDUSTRY TO BE USED AS A GUIDE TO DIVISIONS AND CONTENTS OF DIVISIONS WITH SUGGESTED INFORMATION DESIRED AND REQUIRED OF THE SPEC. WRITER.

SEE WITH PRACTICED EYE AND SEEING, DON'T DENY

LIVELY DISCUSSION EXPECTED BY LONG EXPERIENCED PANEL

THE CHAPTER HAS ARRANGED FOR THE NEXT TWO CONSECUTIVE MEETINGS TO DISCUSS THE PROBLEMS, CONFUSING, OPINIONATED, CONTROVERSIAL AND ABUSED SUBJECT OF PAINTING MATERIALS AND THEIR APPLICATIONS. MEETINGS ARE PLANNED THURSDAY 7 FEBRUARY AND 7 MARCH 7:30-10:00 PM IN THE MCCA BLDG. 873 N.W. 5TH.

THE 7 FEBRUARY MEETING WILL DEAL WITH THE SECOND FIELD OF PAINT MATERIALS; THEIR CHARACTERISTICS AND USES.

THE MARCH 7 MEETING WILL DEAL WITH FIELD APPLICATIONS AND CONTROLS OF PAINT PRODUCTS.

BOTH DISCUSSIONS WILL BE SPONSORED BY A PANEL CONSISTING OF:

- EVAN HOUSE, PRES., PORTLAND CHAPTER, OREGON COUNCIL, PAINTERS & DECORATORS OF AMERICA
- ADRIAN WERHOLD, PAINT COORDINATOR, OPERATIONS & MAINT. BRANCH, CONST. OPERATIONS DIV., N. PAC. DIV. CORP. OF ENG.
- JAMES PARRIS, DIST. REP. PRATT & LAMBERT PAINT CO., N.Y., CHICAGO, BUFFALO, FERRIS, ONT.
- HERBERT GREENLAND, WITH RHODDA PAINT CO., PORTLAND, OREGON
- LOWELL ANDERSON, ARCHITECT, SPEC. WRITER, PAST PRES. PORTLAND, OREGON

ROBERT GAMBLE, ONE OF OUR MOST ENTHUSIASTIC MEMBERS, WILL MODERATE AND REFEREE THE DISCUSSION.

THE ENTIRE MEETING WILL BE RECORDED AND FURNISHED IN GREAT FORM TO THE MEMBERSHIP FOR THEIR REFERENCE. REMEMBER TUESDAY 7 FEBRUARY

BOARD MEETING NOTICE BOARD MEETINGS WILL BE HELD EACH TUESDAY 8:00 PM ONE WEEK APART. REGULAR CHAPTER MEETING IN RM 200 208 S.W. STARK. PERSONS WISHING BOARD CONSIDERATION SHOULD CONTACT RALPH APPLEMAN, PRES., DON PARRIS, V. PRES. JIM HICKS, SEC. TRSG.

THE PREDICATOR

OFFICIAL PUBLICATION OF THE PORTLAND, OREGON CHAPTER, CONSTRUCTION SPECIFICATIONS INSTITUTE CHAPTER BOARD

Richard Eberhart, President  
1041 N. E. Couch, Portland, Oregon  
Kenneth Walter, Vice-President and Program Chairman, 514 Patton Block, Portland  
Robert Gamble, Board Secretary, Stuart Woodford, Don Parks, Vice Secretaries  
Mike Henkle, News Editor  
Dick Deakin, Secretary, Treasurer  
2112 W. W. 20th Ave., Portland, Ore.

June 1, 1963

ELECTIONS  
Members will find a ballot for election of new board members for the coming year, included with the Predicator. Ballots will be collected at the June meeting and counted by the Nominating Committee.  
For those who cannot attend the meeting, call the Ballots to:

Mike Deakin  
700 Lumber Products  
2115 N. W. 20th  
Portland 9, Oregon

To make the ballot official, identify yourself on the envelope only and print CSI Ballot on the envelope for identification of contents.  
The envelopes will be carried to the meeting sealed, emptied, and ballots counted with those turned in.  
Have a stamp and attend the meeting, but if you absolutely can't, by all means VOTE.

The Chapter Board will meet in the Hoyt Hotel Dining Room at 5:45 pm before the regular meeting, June 11, 1963.

CHAPTER MEETINGS JUNE 1, 1963  
MCCA Building 1911 2nd Street, Room 200, Portland, Oregon


A sampling of next month's exciting program material by several Technical Board Chairman:

- DIV 2 Site Work at Luby
- 4 Masonry Inge & CIP
- 5 Misc. Metals Tomes & Anders
- 6 Hardware Fred Wall
- 8 Carpentry Ralph Apple
- 10 Mechanical Don Kraft

Other fascinating committee assignments have yet to be snapped up. Go to these with your specialty unless you prefer a different Division where you might learn something new.

PREDICATOR ADVERTISEMENT  
Plans are to run ads similar in size to the plaster ad at the left (and the one below) for the 10 issues of 1963-1964. Six or eight spaces will be available in first come, first served basis. Forward your ad to Mike Henkle or any member of the Chapter Board.

ARCHITECTS  
Need help with plaster or stucco specifications?  
Call NORTHWEST PLASTER BUREAU, BU 5-6318



← Very First Ad

Ralph Appleman initiated the name and the Archives contain the original artwork. Al Staehli, the editor in 1968-69 (preceding Kroeker) had started to use Volume 1, No. 1, etc., but Kroeker, apparently preferred to go back to the 'beginning' almost and the rest is history (herstory?).

Except for occasional glitches, we have been consistent in our volume and issue continuity. We are presently Volume 32, No. 10, (June 1993).

Al Staehli, Editor 1967, 1968, 1969 was our second three year editor. Other three year editors: Anderson, 1960, 1961, 1962 Forland, 1991, 1992, 1993

THE PREDICATOR has been selected for three Institute Publication Commendations. In 1976, Don Walton, Editor in 1986, Inge (Vrla) Carstanjen, Editor In 1988, Linda Bowman, Editor

THE PREDICATOR is the chapter voice: what, where, when, why and the Chapter record. Margie Largent, Archivist

PS: We have had many two year editors: Jim Luey Lee Kilbourn Don Walton Margie Largent Dennis Obert Janet Styner Inge (Vrla) Carstanjen Linda Bowman

for a total of 20 editors, for 34 years of publishing a chapter bulletin starting in May 1959 with the first Chapter program "Instructions to Bidders".

*Ralph Appleman*





Todor Nikolov, Les Seeley,  
Paula Seeley, Jim Chaney, John Rhinehart

# APRIL DINNER MEETING "E.I.F.S."



Dick Gira, with the obligatory  
"watch" upon his retirement  
from the Northwest Lath &  
Plaster Trust



Dick Gira, Jerry Eaker, Ed Charles



Bill Greenwald



Joe Hanks, Jeff Shearer

**CORRECTION**  
Judy Andreen is with United Tile and  
is NOT an attorney as was errone-  
ously noted in the May issue of The  
Predicator.  
*We apologize!*



Ralph Robinson, Ivan McCormick

PORTLAND CHAPTER C.S.I.  
BOARD OF DIRECTORS  
MINUTES OF April 6, 1993 MEETING

The meeting was called to order by President-elect John Lape at 12:05 p.m. at the AIA/CSI office.

**PRESENT:** Heiserman, Hymes, Kuykendall, Lape, Largent, Totten, Watson.

**ABSENT:** Brown, De Clerck, Hirte, Josi, Obert.

**ALSO PRESENT:** Lee Kilbourn, Ken Searl, Paul Wilson.

**Discussion**

**1. Approval of Minutes**

1. Minutes of the March 2, 1993 Board of Directors were approved as read.

**2. Treasurer's Report**

1. A current balance for both the checking and savings accounts given along with expenditures for March.
2. A motion was made by John Lape and Seconded by Ray Totten that whoever is elected Treasurer assume that office immediately. Motion passed.

**3. Correspondence Reports**

1. John Lape mention that the CSI/AIA booth at the Products Fair will also be occupied by Metro. He has requested of them that their emphasis on environmental concerns be on building and products in general. The request was that they not single out product that might be presenting at the Fair.

**4. Business Items**

1. Old Business
  - a. Ken Searl received a letter from The Institute about revisions to The Chapters By-Laws. It stated that the By-Laws are under review and they will provide comments in the near future.
  - b. The Chapter lease is still being negotiated with AIA. Issues of monthly costs are storage area have not been resolved. Jim Hirte and John Lape are working with AIA.
  - c. The publication of the Chapter Directory by Performance Publishing is expected to be available by April 22 and ready for distribution at the Products Fair. Lee Kilbourn recommended to The Board that further restriction on the amount of advertisement be considered. The concern was on multiple ads from the same company.

A motion was made by John Lape and seconded by Rick Heiserman that the directories be made available for sale at the Products Fair. Motion Passed. A motion was made by Corwin Hymes to Sell the directory for \$10 each. There was no second. Motion failed. Ray Totten amended the motion that at the discretion of the person in charge of the booth the directories be given away. Motion was seconded by Dale Kuykendall. Motion Passed.

**2. New Business**

- a. Paul Wilson mentioned that September 24, 1993 is the date that has been set for the AIA/CSI golf tournament. It will be held at the Eastmoreland Golf Course and will be no cost to The Chapter.
- b. The CSI Northwest Leadership Conference is scheduled for May 1 and 2 in Tacoma, WA. John Lape stated that he has a list of potential Chapter leaders which The Chapter will pay for their lodging. It was suggested that names of any other potential leaders be given to him immediately.
- c. Organizers of the June meeting in Skamania, WA have indicated that there will be a golf scramble on Friday. Arrangements for the scramble are being made at North Bonneville Course.

d. A technical commendation will be given by The Institute to Bob Klas in June.

e. Dale Kuykendall received a call from Dick Gira about the Stucco article in the February issue of The Predicator. Dick felt that the article was a poor product. The Board agreed that The Predicator was a forum for enlisting topics and attention. It was suggested that Dick write a letter to The Predicator in response to this article.

**5. Committee Reports**

1. The following reports were given

Director/Officer    Committee Assignment

John Lape            1. Technical Documents  
Chair: Jim Wilson  
a. Will be coordinating the May meeting on Metrification. There will be a national speaker and the cost will be shared with the Corps of Engineers.  
b. Continuing to meet with The City of Portland on developing Policy and Procedures.

2. By-Laws  
Chair: Ken Searl  
a. Stated in Old Business.

Becky De Clerck    1. Tellers  
Chair: Inge Carstanjen  
a. Tallying of votes will be completed after The Chapter meeting.

Rick Heiserman    1. Membership  
Chair: Lee Kilbourn  
a. Current membership is at 347. Portland is the largest Chapter in the Region.  
b. Lee has membership applications available with \$25 credits. These applications must be turned in by April 28 to get credit for this membership drive.

Corwin Hymes        1. Products Fair  
Chair: Gordon Van Antwerp  
a. Five booths are still available  
  
2. Orientation Meetings  
Chair: Inge Carstanjen  
a. An orientation meeting was held before the March meeting.

Skip Brown            1. Publication/Predicator  
Chair: Gunnar Forland  
a. The Predicator has been delivered to the Membership.

**6. Next Meeting Date**

1. Next meeting May 4, 1993
2. Meeting was adjourned at 1:10 p.m.

Respectfully Submitted

Richard Heiserman  
Secretary

PAGE THREE OF THE MAY 1993 THE PREDICATOR . . . BS by KS column is a real eye-opener. Thanks, Ken for the Al Hansen history I've been nagging you to write and how nice to know what you look like from the front! You were hiding in that computer!

Margie Largent



## Contractor's Share Group Q and A Column

Q & A is  
produced by the  
Contractor's  
Share Group.

"Is the Lowest Bid Always the Best Price?"  
"Under What Circumstances is the Lowest Bid  
not Accepted?"

Many of us have experienced, at least once, working with a contractor, subcontractor or supplier who submitted the lowest bid, and after project completion, were not satisfied with the end result. The following are several reasons the lowest bid may be "thrown out".

### A. UNQUALIFIED BIDDER

Disqualification of a bidder can be due to any of the following:

- The firm is financially unstable.
- Lack of bonding capacity.
- No prior qualification of the firm or supplier's product.
- Inadequate manpower to handle the size and type of project.
- Lack of expertise on specific type of work.
- Criminal or illegal activities.
- Unstable prior work history.

### B. FAILURE TO MEET SPECIFICATION REQUIREMENTS

- Misinterpretation of specification and bid documents.
- Failure to receive approvals for product substitutions.
- Exclusions made in the proposal.

### C. FAILURE TO MEET CONTRACT OBLIGATIONS AND TERMS

- Lack of manpower to meet schedule requirements.
- Unworkable payment terms.
- Unable to meet insurance requirements.
- Changing of initial bid price prior to signing of contract.
- Conditions and terms made by bidder which are unacceptable to contractor.

### D. THE BID PRICE IS TOO LOW

- When there is a large margin between the lowest bid and other bid proposals, there is always a question of the firm's ability and credibility to complete the project to the owner's satisfaction.

Unfortunately, most subcontractors and suppli-

ers fax or phone their bids and few minutes prior to the general contractors bid submittal. This often does not allow the general contractor to perform a detailed bid analysis or to check the history of the lowest bidder. This situation can be frustrating to all parties involved in the project.

The following are two possible solutions:

- Prequalification of subcontractors and suppliers.
- Bidders to submit their scope of work, with any prequalifications, one day prior to bid date with their prices to follow on bid date.

We urge CSI members to contact Mr. Marty Lundell with any additional suggestions they may have toward solving this problem. Marty may be reached at 503/682-2878 or you may fax your suggestions to 503/682-2190.

Next time you are at Construction Data East or West side centers, please notice the new "Ask your Contractor" boxes provided by Ms. Donna Armstrong.

Your participation is appreciated.

## The Real World

By Ed Loy  
Lemon's Millwork



# PART I - CHAPTER'S HISTORY REVIEW

By Ken Walter, Chapter Archivist

"By decision of the steering committee, the proposed chapter now has sufficient members to apply for a charter and elect a board. A ballot was mailed to each member along with the notice for the September meeting."

This report to the Institute appears in Chapter correspondence of August 1959.

This was not the first meeting held by this fledgling group but it was to be the first official meeting. Meetings had been held by the steering committee, composed of Charles Selig, Lowell Anderson, Kingsley Church, Jim Hickey, and Ralph Appleman, who composed the first draft of the Chapter By-Laws, dated April 2, 1969. An unofficial Chapter meeting attended by five active, 11 associate, one junior and three guests, in the month of June of that year, lists a program title "A Survey of the General Conditions".

### BULLETIN STARTED

The first Chapter bulletin, which appeared on a single sheet of pale green paper, run off on somebody's office duplicator and lettered in the precise hand of Ralph Appleman, announced that meetings will be held monthly thereafter at the NECA building, 1873 SW 6th Avenue, now demolished. That September meeting's subject matter was to be election of a Board, signing of the Charter request by members, and a program devoted to "Built-up Roofing" specs.

### CHAPTER SIXTH ON COAST

It is interesting to note that, during

this early period, chapters had existed in Los Angeles since 1953, San Diego and Sacramento 1954, and San Francisco 1955 and the Puget Sound chapter had been chartered February 15, 1969. Numerous overtures had been made to Portland area practitioners by Dallas Hagan to organize a chapter in Portland. Early contacts and correspondence between Wallace MacDonald in Seattle and Lowell Anderson in Portland bear witness to the value of their ground work.

Correspondence and reports of the Steering committee as late as September 1959 attest to the fact that they were still active, despite the apparent launching of the Chapter. Their proposed agenda for the Chapter's first Board meeting contained a great many items of an inquisitive nature, common to the newborn of a species.

### ANDERSON FIRST PRESIDENT

The first Chapter President was to be Lowell Anderson and his Vice President and Treasurer, respectively, were Appleman and Hickey. Tape recordings of Chapter meetings were begun and continued on a regular basis for quite some time, with the intention of summarizing and publishing the most pertinent information. Subsequently the project turned out to be an expense that the Chapter could not bear. Not only did it include a great deal of individual effort which at times could be a drain on the member's time, but the transcription proved to be unmanageable. This project, master-minded by Ralph Appleman, was abandoned with a good deal of regret.

(End of Part I of a series which, in subsequent issues, will record the Chapter's subsequent activities and accomplishments.)

## TABLE TOP DISPLAY APPLICATION FOR CSI DINNER MEETINGS

1. Table top display fee is \$25.00, payable to CSI Portland Chapter.
2. Reservations required two months in advance through Product Rep Share Group.
3. Send completed form and fee to:  
Vicki Miller, 1205 NW Marshall, Portland, OR 97209, 503/226-3508, Fax: 503/226-3101
4. Notify Pat Gates at Atwater's Restaurant 24 hours before CSI meeting at 503/275-3629.
5. Set up must be complete by 5pm or one half hour before social hour begins.

An announcement of the upcoming Table top displays will be published in THE PREDICATOR.

Meeting Date \_\_\_\_\_

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Product Lines \_\_\_\_\_

\_\_\_\_\_



**Portland Chapter Leaders 1992-93**

President  
 Jim Hirte, CDT 620-0106  
 President-Elect  
 John Lape, CCS 243-2837  
 1990-91 President  
 Dennis Obert, CCS 245-7802  
 Secretary  
 Rick Heiserman 223-1181  
 Treasurer  
 Becky DeClerck, CDT 222-4000  
 Executive Director  
 Margie Largent 620-6573

**Board of Directors**

D.R. Brown, CCS, Prof. '94 224-3860  
 Corwin Hymes, CDT, Ind. '94 620-6617  
 Roy Josi, CDT, Prof. '93 464-7429  
 Dale Kuykendall, CDT, Ind. '93 635-4425  
 John Watson, Prof. '94 721-4666

**Committee Leaders**

Awards  
 John Kehrli 644-7102  
 Certification  
 D.R. Brown, CCS 224-3860  
 Editor  
 Gunnar Forland, CDT 223-9318  
 Education  
 Dennis Obert, CCS 245-7802  
 Membership  
 Lee Kilbourn, FCSI, CCS 224-3860  
 Products Fair  
 Gordon Van Antwerp 642-4899  
 Program  
 Jody Moore, CDT 284-6799  
 Technical  
 Jim Wilson, CCS 222-1917  
 Bylaws  
 Ken Searl, FCSI, CCS 223-1181

**Institute Responsibilities**

Planning  
 Lee Seeley 287-7135  
 CCS Implementation Com.—Ad Hoc  
 James Robertson, FCSI, CCS 342-8077

**Region Responsibilities**

Awards  
 Alan G. Shelmerdine, CCS (206) 861-9522  
 Membership  
 Joe Maliszewski 466-5177  
 Publications  
 Linda Bowman, CDT 485-7618  
 Technical  
 Ivan McCormick, CCS, CSI 292-3958

**Region Directors**

Jim Chaney, CDT  
 McKenzie Commercial Cont. Inc.  
 865 W. 2nd Ave.  
 Eugene, OR 97402 343-7143  
 Sandi Velleca, CCS  
 Artic Slope Consulting Group  
 301 Danner Ave., Ste. 200  
 Anchorage, AK 99518 (907) 349-5148

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$30, total investment \$160. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn FCSI, 315 SW 4th Avenue, Portland, OR 97204.

**The Predicator**

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 Portland, OR 97204

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For More Information Please Call  
**Gunnar Forland**  
 223-9318

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 6775 SW 111TH AVENUE  
 BEAVERTON, OR 97005**

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 & PLANNERS**



# The Predicator

Advancement of  
Construction Technology

Portland Chapter - The Construction Specifications Institute

Vol. 32 No. 11

July ♦ August, 1993

## CSI Northwest Region Conference

Anchorage—Homer  
Alaska

September 9-12, 1993

### "View From the Road's End" A Moving Concern

#### CONFERENCE SCHEDULE

◆◆◆*Early Registration Deadline*◆◆◆  
◆◆◆*Extended to August 16, 1993*◆◆◆

For further information and advice:  
John McCool—(907) 563-8474  
Sandra Velleca—(907) 267-6384  
Jeffrey Callahan—(907) 753-3243

#### Thursday, September 9, 1993

Regal Alaskan Hotel, Anchorage  
12:00-5:00 Conference Registration  
2:30-5:00 Coordinating Council  
7:00-9:00 Cook Inlet Chapter Reception  
Mixer and Table-top Show

#### Friday, September 10, 1993

7:00-8:00 Continental Breakfast  
Table-top Show continued  
7:30-8:00 Institute Officer Presentation  
8:15-9:15 Round Tables, Session I  
9:30 Bus departs for Homer  
Stop at beautiful Portage Glacier  
1:00-2:30 Lunch, Summit Lake Lodge  
Drive continues south along  
Kenai River, through Soldotna and  
Cook Inlet  
5:30 Land's End Resort, Homer  
7:00-9:00 Dinner—Speaker, Clem Tillion,  
Alaska's Fishing Czar

#### Saturday, September 11, 1993

7:00-8:30 Continental Breakfast  
8:45-9:45 Round Tables, Session II  
10:00-10:45 Nominating Committee Meeting  
11:00-12:00 Region Business Meeting  
12:00-6:00 Fun in Homer—sightseeing, boating,  
fishing, exploring.  
The "Danny J" tour to Halibut Cove  
6:00-7:00 Social Hour  
7:00-9:00 Awards Banquet

#### Sunday, September 12, 1993

8:00-9:00 No-host Breakfast  
10:30 Planes begin leaving from  
Homer Airport

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#### PLAN AHEAD

September 14, 1993  
Metro HQ Building Field Trip  
(in conjunction with  
dinner meeting)

September 15, 1993  
Noon Seminar—*Specifying  
Demolition & Recycling*—Metro

September 17, 1993  
Building Professionals Picnic

September 24, 1993  
AIA-CSI Golf Tournament  
see page 2

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## The President's Message

### John Lape CCS, President

I would like to welcome all members to our 1993/94 year. The year ahead looks to be a busy one with many activities and good programs. I hope to continue to build on the momentum that my predecessors as CSI presidents have provided. This Chapter has an incredible array of talent and personalities which make us an outstanding organization.

I have the privilege of having been a chapter member under the leadership of presidents Margie Largent, Denmet Latham, Curt Finch, Inge Carstanjen, Tom Shea and Dennis Obert. Most especially, I would like to thank our president for the past two years, Jim Hirte. I have enjoyed working with him as I prepared for my term and heartfelt thanks goes out to him for taking the extra time to show me the ropes.

Preparations are well under way for next year. Many committees are continuing to meet over the summer, even though we don't have any formal chapter summer meetings. Your chapter board had 2½ hour meeting this summer to prepare for the coming year.

I would like to see our organization expand its role as leaders in the construction industry. We can reach out to other related organizations and work together on issues of mutual interest. We can increase dialogue through joint meetings, activities, seminars and education. In talking to other organizations I find that many of us share these common goals. I recently attended a meeting to set up a joint industry-wide picnic. This will be a chance for many persons to gather in an informal setting and get to know each other. The joint code/permit committee that this chapter founded with the City of Portland and members of CSI, AIA, AGC and SEAO is another example of this cooperation.

CSI has much to offer and much to gain. To move our organization ahead will take effort and dedication of all our membership. Please be active in our chapter and help us all in the years ahead.

*Just a few of the  
CSI people awarded at the  
recent party at  
Skamania Lodge  
in Stevenson, Washington.*



## AIA/CSI—GOLF TOURNAMENT

AIA and CSI members are invited to participate in the annual golf tournament to be held at Eastmoreland Golf Course, Friday, September 24, 1993. Tee times will be between 11:00 a.m. to 12:45 p.m. with prize presentation ending around 6:00 p.m.

The 1993 format will be an INDIVIDUAL and TEAM BEST BALL event. Make up your own team. Those who do not have a team will be paired up with other independents who want to play.

First place play shall be an individual medal play with the coveted Masonry Institute's donated bronze trophy as the prize. Other individual prizes will be for the best 3-net scores. K.P., long drives, birdies and door prizes. All other monies and prizes will go to the team play event. Team prizes will include cash and balls.

Costs: Reservations are required. PREPAYMENT OF \$20.00 PER PLAYER. Costs cover greens fee and prizes. No host food and drinks. Donated prizes are welcomed, i.e. balls, gloves, clubs, etc. (we will order them through Eastmoreland Pro Shop). Please call early if you want to make a donation.

Come play 18 holes of golf. Relax, see old friends, meet new ones and enjoy an outing away from the office.

The tournament is open to AIA and CSI members, their employees, persons interested in becoming members and guests. Please note names of all players on your team.

Make checks payable to:  
Ken Hattan

Send reservations to:  
Ken Hattan  
1122 NE 122nd Avenue, Suite B111  
Portland, Oregon 97230  
257-7332



**CSI Certification 1993**

Saturday, April 3 of this year, Construction Document Technologist (CDT), Certified Construction Specifier (CCS), and Certified Construction Product Representative (CCPR) certification examination candidates braved the task of taking the examination. This was serious business as, for most, it was a first-time examination experience since high school or college. Let us all congratulate these successful Portland candidates for their hard work and devotion to study in preparing for these examinations.



Portland Chapter Board of Directors  
 Pat Murphy, Jim Hirte, Corwin Hymes, Larry Chew, Rick Heiserman, Dale Kuykendall, Kathryn Knudsen-Wissler & John Lape  
 Missing: John Watson, John Wilson, Ray Totten, Skip Brown

Congratulations to:

- Michael Bourgo CDT
- Tim R. Cockburn CDT
- Grand Metal Products
- Edward F. Fatz CDT
- Oregon Strand Board Company
- John S. Gundersen CDT
- Hoffman Corporation
- Jane C. Wilcox CDT
- Port of Portland
- Jody Moore CCPR
- Dea Mor Associates, Inc.
- John H. Barker CCS
- John Barker Architects



**Don Walton**  
 showing proof of the  
 "Modernfold" puddin'

Special thanks to the volunteer instructors who again did an excellent job this year: Lee Kilbourn, Jody Moore, John Lape, Dennis Obert, and Jim Wilson

*D. R. (Skip) Brown CCS  
 Certification Coordinator*



**Jim Luey's cheering section,**  
 his wife Kim

**Architect Sailing to Mexico**

Bob Hicks and his wife Marilyn are leaving September 1st for an extended sabbatical in Mexico. They will provide unpaid work for Team Missions, a group similar to Medical Teams Northwest, in a small fishing village near LaPaz and south of Puerta Valarda. Besides teaching, they will design, and possibly build, a clinic at two orphanages.

Bob's office and houseboat are for rent.

The office is available on a 1 to 3-year lease. It's a 1300 sf. office located at 0320 SW Grover, Portland, but total area possible is 2600 sf., plus a garage and parking for 10-15 cars. It is adjacent to Ross Island Bridge, is landscaped and has 2000 sf. carpeted, with blinds, drapes and a fireplace. This would be a great location for an architect, manufacturer's rep, engineer, interior designer or graphic designer and can be furnished or not. Furnishing available includes: telephone system, fax, copier, reception and conference room furnishings, drafting desks, manufacturers files and architect references. References required. No pets or delinquents. The houseboat is moored on the Columbia River. Call Bob at (503) 223-7333 for more information.

Good luck Bob and Marilyn!







Larry Brown, Ken Searl

## Archival News

Thanks to our senior member Mary Alice Hutchins (#97) for a recent donation of her collection of the *Construction Specifier Magazine*.

Volume 1, Number 2 (really Number 1, from July 1949) through Volume 22 are now in our library (my office). Our prior set started with Volume 23. (There are still about 11 issues missing.)

The first several years—FY '50 through FY '59—the *Specifier* was a quarterly magazine, with no advertising until January 1959. As the first chapters were formed, they were listed on the back or, sometimes, the front cover. Fall 1956 contains an alphabetical list of all members (the first?). Although the Portland Chapter received its charter in January 1960, it wasn't listed in the *Specifier* until August 1960. Ho Hum. The Roster of September 1962 may be the first annual, and for several years they were bound separately.

Margie Largent  
Archivist

Skamania Lodge — Mary Alice Hutchins never fails to bring men to their knees — shown here "dubbing" Ralph Nelson



## Letters to the Editor

We would like to say THANK YOU to all the members and friends of Portland Chapter CSI for making our 32nd wedding anniversary so special!

Larry Brown ECSE was correct when he said that it was the people in Portland Chapter CSI who made the difference.

We agree. Thank you!

Lee and Perky Kilbourn

To the Board of Directors, Portland Chapter CSI

I wish to thank Portland Chapter CSI for the honor afforded me June 11, 1993 at Skamania Lodge. Receiving the Al Hansen Memorial Award was an unexpected surprise. I never had the opportunity to meet Al; however, shortly after taking work with the Bureau, I visited with his wife in their home. Even to this day, some 15 years later, his achievements are pointed out to me regularly.

Ostensibly, I was given the award for my past work in behalf of CSI. With that thought in mind, I want to say that I never at any time felt imposed upon because I happened to be "available" or was a "willing worker." I thought that whatever I was able to contribute only to an already vibrant chapter and region effort. "The more one gives, the more one receives" certainly applies in my case.

I deeply appreciate the award.

Dick Gira

When good "Fellows" get together...  
Seated: Perky Kilbourn  
Standing: (l-r) John Kehrl, Larry Brown,  
Lee Kilbourn & Ken Searl  
at Skamania Lodge



## WHAT'S GOING ON?

<u>September</u>	<b>September 7th Board Meeting to be held August 31, 1993!</b>
9-12	Region Conference, Anchorage, Alaska
14	Dinner Meeting, Atwater's <i>Metro Field Trip</i>
15	Noon Seminar— <i>Metro</i>
17	Building Professionals Picnic
24	AIA/CSI Golf Tournament
<u>October</u>	
12	Board of Directors Meeting (prior to dinner meeting)
12	Dinner Meeting, Atwater's Panel Discussion: <i>What Makes Good Documents?</i>
<u>November</u>	
2	Board of Directors Meeting
9	New Member Orientation Dinner Meeting: <i>Solid Surfacing</i>
11-10	Seminar <i>Specifying Solid Surfacing</i>
<u>December</u>	
7	Board of Directors Meeting
14	Dinner Meeting: Providence Child Care Center

**Around the Region . . .  
a calendar of meetings**

Cook Inlet, Anchorage, Alaska	Third Tuesday	Ken Maynard—(907) 276-4218
Boise, Idaho	First Tuesday	Scott Henson—(208) 345-6677
Mt. Rainier, Tacoma, Washington	Third Tuesday	Cheryl—(206) 383-3084
Portland, Oregon	Second Tuesday	Jody Moore—(206) 574-3449
Puget Sound, Seattle, Washington	Second Thursday	David Jackson—(206) 623-4646
Capitol, Salem, Oregon	Second Thursday	Darwin Doss—(503) 327-6633
Spokane, Washington	Last Thursday	Tom Crossan—(509) 327-6633
Willamette Valley, Eugene, Oregon	Last Thursday	Paul Edlund—(503) 485-1941

(The contacts given above are the program chairs or officers of the various chapters.)

---

## CSI Northwest Region Conference

**REGISTRATION**

Name \_\_\_\_\_

Address \_\_\_\_\_

City/State \_\_\_\_\_

Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_

Chapter \_\_\_\_\_

Spouse/guest name: \_\_\_\_\_

Advance Member  
Registration @ \$ 250.00 \$ \_\_\_\_\_

**\*\*\* Early Registration Deadline  
Extended to August 16, 1993 \*\*\***

Late Member  
Registration @ \$ 295.00 \$ \_\_\_\_\_

Spouse/guest Registration  
@ \$ 200.00 \$ \_\_\_\_\_

Total enclosed \$ \_\_\_\_\_

"Danny J" trip (no.) \_\_\_\_\_  
(\$36.93/person. Pay when you get to Homer.)

Mail to: CSI  
PO Box 100863  
Anchorage AK 99510-0863



**Portland Chapter Leaders—1993-1994**

President	
John Lape CCS	243-2837
President-Elect	
Dale Kuykendall CDT	777-5531
1991-93 President	
Jim Hirte CDT	620-0106
Secretary	
Rick Heiserman	223-1181
Treasurer	
Kathryn Knudsen-Wissler	286-6613
Executive Director	
Margie Largent	620-6573

**Board of Directors**

D. R. Brown CCS, Prof. '94	224-3860
Larry Chew CCS, Prof. '95	226-1575
Corwin Hymes CDT, Ind. '94	620-6617
Pat Murphy, Ind '95	777-2204
John Watson, Prof. '94	721-4666
Jim Wilson CCS, Prof. '95	222-1917

**Committee Leaders**

Awards—Ed Fatz CDT	646-5593
Certification	
D. R. Brown CCS	224-3860
Editor	
Inge Carstanjen CDT	635-6227
Education	
Jim Wilson CCS	222-1917
Membership	
Lee Kilbourn FCSI, CCS	224-3860
Products Fair	
Products Rep Share Group	
Wm. Clark	(800) 845-5900
Program—Jody Moore CCPR	284-6799
Technical	
Paul Wilson CCS	242-0123
Bylaws—Ken Searl FCSI, CCS	223-1181

**Institute Responsibilities**

CCS Implementation Com.—Ad Hoc	
James Robertson FCSI, CCS	(503) 342-8077
Jury of Fellows	
Dave Thomas FCSI	(206) 337-8971
Technical	
Chris Bushnell CCS	(206) 357-9988
Education	
Ron Eakin	(503) 686-3355

**Region Responsibilities**

Awards	
Linda Bowman CCS	(503) 484-7618
Education	
Jim Adkins CCS	(206) 633-3182
Membership	
Dick Kissick CCPR	(206) 383-9790
Publications	
Brad Williamson CCS	(206) 623-4646
Technical	
Ivan McCormick CCS	292-3958
Certification	
D. R. Brown CCS	224-3860
Planning	
Elliot Mohr	(509) 535-0683

**Region Directors**

Jim Chaney, CDT	
McKenzie Commercial Cont. Inc.	
865 W. 2nd Ave.	
Eugene, OR 97402	343-7143
Sandi Velleca, CCS	
Arctic Slope Consulting Group	
301 Danner Ave., Suite 200	
Anchorage, AK 99518	(907) 349-5148

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