



The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology



Vol. 29 No. 1

September, 1989

NEXT MEETING

Tuesday
September 12, 1989

SUBJECT
INSTITUTIONAL
CARPET

TIME
Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

COST
\$15 per person. Guests and
spouses are encouraged to attend.

LOCATION
River Queen Restaurant
1300 NW Front

RSVP
Jim Dufala at 243-5506
by noon on Friday, Sept. 8

Institutional Carpeting



**Rob Van Horn,
Sound Floor Coverings**

Our 1989-90 year kick off meeting and following day seminar will feature a panel of experts on institutional carpet. The panel will consist of:

- Steve Miller of T & A Supply
- Rob Van Horn of Sound Floor Coverings

• Dave Endresen of Cronin Company

• Doug Gatter of Pacific Commercial Interiors

• Tom Kremidas of GFI

Presentations will consist of:

- How to specify carpets at stairs, what pad weight and material to use.
- A new double stick installation method, which enables both the carpet and pad to be glued down rather than stretching the carpet over the pad.
- Ways to get competitive bidding from several manufacturers after selecting the desired carpet from one manufacturer.
- Recommended carpet weights and construction for different types of occupancies.
- Select carpet fibers; i.e. third generation nylon and others.



PORTLAND CHAPTER

CSI

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Message from the President



WE LOOK FORWARD TO HEARING FROM TOM SHEA IN NEXT MONTH'S MESSAGE FROM THE PRESIDENT.

THIS MONTH'S MESSAGE FROM THE PRESIDENT HAS BEEN PREEMPTED BY;

EDITORS NOTES

As the 1989-1990 editors of The Predicator we would like to say congratulations to Linda Bowman for her outstanding performance as editor the previous year. Her work was literally award winning. The chapter should be very proud of her fine accomplishments. Personally, we must thank Linda for all the assistance and guidance she has given us - not that we won't be needing more. Thank you Linda.

The Predicator is the newsletter of the Portland chapter of The Construction Specifications Institute. It is YOUR newsletter. We will do everything we can to make ourselves available to the membership. We look forward to your contributions and input. Any and every member may submit an article. We encourage you all to participate.

To contact the editors please call Kevin Martin at (206) 256-8065 or Gunnar Forland at 223-9318.

Convention News

New Orleans: The City that Care Forgot

Attending CSI's 33rd Annual Convention in New Orleans, June 22nd through the 25th were Tom and Betty Shea, Bob and Mary Ann Klas, Dick and Rose Anne Gira, Margie Largent and Craig Anderson, Lee and Perky Kilbourn and Linda Bowman.

The three day event opened Friday morning with an elaborate Awards Ceremony recognizing individuals, Chapter and industry organizations for their outstanding achievements. Once again the Portland Chapter was honored with a Publications Award for newsletter excellence.

Each day began and ended with seminars, lectures and workshops with such topics as "Legal Ramifications of Product Representation", "How to Give and Take Criticism", and "Vision 2000: Trends Shaping

columnist and Mark Russell, well known political humorist. Mid-day was reserved for the Exhibit Hall, where lunch was available. The exhibits were impressive, with much worthwhile data and discussion.

Lest you think this event was all work and no play the CSI/McGraw-Hill Reception held at the Fair Grounds Race Course was a fabulous affair. New Orleans cuisine such as Louisiana Shrimp, Jambalyaya and the famous "Hurricane" drink - guaranteed to knock your socks off - were featured. The highlight of the Reception was a mini Mardi Gras Parade complete with floats, costumes, music and party favors.

You can't go to New Orleans without experiencing it's unique style of Jazz. On Bourbon Street the undercurrents of Jazz are everywhere. While sitting with our knees pressed against our chests on an unswept floor, Tom



Perky and Lee Kilbourn, Honorary Member Glen Abplanalp and wife Marion and Linda Bowman: letting the good times roll!



Architecture's Future". The schedule was filled with excellent speakers such as John Stoessinger, author and international political

and Betty Shea, Mary Ann Klas, Larry and Linda Arnold and

-- Continued on Page 5--

BS by KS

Basic Specs by Ken Searl



It is mainly due to people doing things the way they always have. Even if it is wrong.

One of our local lawyers has the following on the back of his business card, except the last item. I added that last rascal because it seems to me lots of people apply the first four items all at once when it comes to interpreting specifications.

In Germany, under the law, everything is prohibited, EXCEPT that which is permitted.

In France, under the law, everything is permitted, EXCEPT that which is prohibited.

In Russia, under the law, everything is prohibited, INCLUDING that which is permitted.

In Italy, under the law, everything is permitted, INCLUDING that which is prohibited.

In the United States, under the law, all of the above applies.

As some of you know, over the years I have had considerable trouble getting a wider head section for aluminum doors. I list this requirement in **BOLD FACE LETTERS!** I went to a project the other day and saw the right size head section being installed in the entry doors. I was about to congratulate the workers when I discovered they were installing two

hinged doors rather than the three hinged doors that were specified.

Now you know why I feel that "all of the above applies". Somehow or another, certain items that I specify, I just can't attain the first time around. I have even tried the Richard Nixon approach - "I want to make this perfectly clear". Even this doesn't seem to work. It is noted that it didn't work for Mr. Nixon either.

Another example of getting things done properly is the correspondence received by some of our female C.S.I. members. A letter addressed to Georgia Jones, Architect, will follow immediately with Dear Sir or Dear Mr. Jones. If the men had letters addressed to them as Dear Ms. Jones, believe me there would be a lot of noise emanating from the male population.

Let me give you another example. Several years ago I had some did this because many people insist on adding an "e" or an "es" to the end of my name. This has not stopped people from copying my name incorrectly.

Why does all of this keep happening? In my opinion it is mainly due to most people doing things the way they always have. Even if it is wrong. It leaves one wondering about people in general. You may rest assured old Ken will keep on trying to get people to do things correctly. What I am saying is let's call a spade a spade and not a shovel.

One last item - Product List for paint products for 1989-90 published by the Oregon Council Painting and Decorating Contractors of America is available by calling the PDCA office, 236-7964 and leave a message with your name, company, address, and telephone number. If that doesn't work, let me know, I'll send you one.

Ken Searl is a Spec Writer for WEGroup Architects in Portland and Eugene



Specks

type, type.....
SECTION 09682...
CARPET
type, type...
1.0 GENERAL
type.....
6 100

type, type....
2.0 PRODUCTS
type, type....
2.01 MATERIALS
type....
6 100

type, type...
3.0 EXECUTION
3.01 INSTALLATION
type, type...
A, LAY FUZZY
SIDE UP!
type...
6 100

Alclatore

... END OF SECTION ..
WONDERFUL, JUST
WONDERFUL...
THANKS.
6 100

Industry News

State and Local Construction Projects Increase in 1988

According to the U.S. Department of Commerce, 1988 showed a \$4.2 billion increase in state and local construction projects. This figure is based on the actual value of the construction completed in during 1988, which doesn't include maintenance or rehabilitation work. The data also reveals that state and local projects increased while federal projects declined. For a copy of the statistics, send an address label for document #RA/ 501\ to ACEC, 1015 Fifteenth Street, N.W., Washington, D.C. 20005.

-*The Last Word*, June 2, 1989

Judge Rules Agency May Negotiate with Low Bidder

The second-lowest bidder for the new Chicago White Sox stadium filed a lawsuit to block the state agency in charge of the project, the Illinois Sports Facilities Authority, from negotiating a trimmed-down version of the project. After determining that all the bids were too high, the Authority negotiated a price with the lowest bidder.

Cook County Circuit Judge Kenneth L. Gillis ruled that the agency was entitled to negotiate a contract with the lowest bidder

because of a purchasing rule that allowed the agency to reject all bids if they were too high.

-*ENR*, May 4, 1989

International Masonry Seminar Scheduled for Fall

The Masonry Society and the Construction Research Center at the University of Texas at Arlington are presenting an "International Seminar on Evaluating, Strengthening, and Retrofitting Masonry Buildings," with speakers from Italy, Yugoslavia, Czechoslovakia, and the United States.

Each presenter will discuss masonry material properties, strengthening techniques, building codes and regulations, and special considerations for historical structures according to his country's practices.

The seminar will be presented in Gaithersburg, MD, October 11, 1989; Boston, MA, October 13; Chicago, IL, October 16; and Los Angeles, CA, October 18. The seminar is \$49. For more information, contact the University of Texas at Arlington, Construction Research Center, Box 19347, Arlington, TX 76019-0347; (817) 273-3701.

AAA Produces Arbitration and Mediation Videos

The American Arbitration Asso-

ciation (AAA) has produced two videos on arbitration and mediation.

The 17-minute "Arbitration of a Construction Dispute" takes the viewer step-by-step through a simulated arbitration case. "Mediation of a Construction Dispute" shows how the mediator guides the parties to a mutual agreement. It runs 35 minutes.

Both tapes are available in VHS, BETA, or 3/4" format. "Arbitration" is \$80; \$65 for AAA members. "Mediation" is \$90; \$75 for AAA members. To order, contact AAA's Publications Department, 140 West 15th Street, New York, NY 10020-1203; (212) 484-4014.

Construction Toastmasters

The newly chartered Construction Toastmasters Club No. 7537-7 meets each Monday, 7:00 to 8:45 pm at the Multnomah County Library, 801 SW 10th Avenue, Portland, Oregon. The first club formation meeting was on March 27, 1989. The group has been meeting regularly and received the charter on June 28, 1989.

The AGC/AIA/CSI/CECO Associations, working with the education committees, supported the fledgling group throughout the formation period. Association members are encouraged to invite their employees to take advantage of this opportunity for training in communication and leadership skills.

More than 180,000 Toastmasters around the world welcome

Industry News

new members to the world's largest organization devoted to training in communication and leadership. The Toastmasters Club offers members the opportunity to learn effective communication through practical experience in an atmosphere of fellowship and understanding.

For more information about the Construction Toastmasters Club, call John Brockamp - 655-9151 or Rich Adelman - 223-0992.



Convention News

-- Continued from Page 2--

Betty Shea, Mary Ann Klas, and myself, bounced, clapped, swayed and perspired to the beat of the Preservation Hall Band, what an experience.

The Convention closed on Sunday night with the President's Reception and Banquet, a formal evening of honors, awards and entertainment. And so the Big Easy was just that, good friends, great food and a style all its own, I'm happy to have been there — see you all in Chicago.

by *Linda M. Bowman*

Board Report

Minutes of May 2, 1989 Board of Directors Meeting

Present: Inga Vrla, Tom Shea, Linda Hewitson, Kitty Myers, Curtis Finch, Mary Hutchins,

John Kehrli, Arden Newbrook, Paul Wilson, Lee Kilbourn, and Linda Bowman.

Absent: Jim Hirte, Dick Burgess, and Steve Miller.

Treasurers Report: Linda Hewitson-Reported financial standing of chapter.

Budget for 1989-90 to be ready for June. Books will be prepared for audit in July.

Technical Committee: Paul Wilson- still pursuing "Design-Build".

By-Laws: Secretary directed to mail copy of recently revised by-laws to Institute.

Programs: Program for May 9th will be on "Curtain Wall", with a seminar on "Glass" for May 10th.

Education: Meeting at ERC (Tualatin) to plan 1989-90 programs.

Awards: Tom Clucas was unable to attend. Tom Shea, Lee Kilbourn, Margie Largent, will meet with Tom later.

Products Fair: Only 5 booths left, Curtis Finch sent personal letters to local architects to remind them of the date. Roy Josi activated the chapter calling committee to call members in club to attend.

Nominations: Ballots coming in to AIA-CSI office. Linda Bowman, Lee Kilbourn will be tellers on May 9th. Curtis Finch unable to attend.

Publicity: Arden Newbrook commended Roy Josi for a fine job in 1989.

Library: John Brockamp, via Linda Bowman, mentioned that the "T.M. Club" was alive with 10+ members. Seeking more.

Region Conference: Several Portland members attended

Leadership Training on April 22-23. Next Bi-Region Conference in 1991 at Sun River. Next Region Conference in 1989 at Coeur d'Alene. Portland hosts the 1990 Region Conference at Seaside, Oregon.

The Predicator: Winner of Institute Award (Linda Bowman's second). Discussed ways and means to get Linda to New Orleans to receive her award.

Hospitality: Sign up for Products Fair - hosting May 4th - John Kehrli.

Old Business: No word regarding meeting with Corroon & Black, Margie Largent will check on this. May 11th Board of Directors - new member orientation to be cancelled. Only 3 board members could attend.

New Business: Correspondence from Benson Hotel regarding November 14th meeting. No available space. Chapter assessment (from N.W. Region) to be \$6.00 with 1990 increase to \$8.00 (presently \$5.00).

-Respectfully submitted,



Margie Largent
Executive Director

Upcoming Educational Event

Wednesday Sept. 27th
12:00 to 1:30 pm

Panel Discussion Moderated by
Rick Benjamin of McCoy Door

Topic: Millwork Specifying

Cost: \$5:00 Includes Box Lunch!

Location: I.C.R. Office
239 NW 13th Ste 311

RSVP: Jim Dufala by 5:00pm
Monday Sept. 25th

NEXT SEMINAR

Wednesday
September 13th

Panel Discussion
on
INSTITUTIONAL CARPET

TIME
12:00 - 1:30p.m.

COST
\$5.00- Includes Box Lunch!

LOCATION
Zimmer Gunsul Frasca
320 SW Oak, 5th floor

RSVP
Jim Dufala, 243-5506 by noon
Friday September 8th

Attention Industry Members:

The September dinner meeting and following day seminar will be on Institutional Carpet. Any industry member that has related products can display them at both events on a "Table Top" for a price of \$50.00! If interested, please contact Jim Dufala at 243-5506 by Friday, September 8th.

Awards Banquet

JUNE MEETING - ANNUAL AWARDS

A very well attended Awards dinner was held at the Multnomah County Library. Social Hour was held in the Construction Library in an effort to familiarize members with this fine educational tool. An exceptional buffet-style dinner was later served in the auditorium.

Inga Vrla opened the meeting by introducing Candace Robertson, new board member and C.S.I. representative to the Liason Library Committee for the past 3 years. She gave a brief history of the process that developed into the Construction Library. Many people contributed time and effort to the process and their efforts are greatly appreciated. Let us not fail to show our gratitude by using, nurturing, and promoting Regional use of the Library.

Polly Westover, Senior Business Librarian, graciously informed us of the Library's contents and use. Individual catalogs of the Construction Library materials are available (for the cost of production) for use at any branch library.

This fine introduction to the Construction Library, was followed by a proper introduction to the 1989-90 Board of Directors, and Executive Board of the Chapter by our outgoing president, Inga Vrla.

Many people contributed to making 1988-89 year an exceptional one and the final meeting of the year is always dedicated to



Art Davis

Utilizing Library resources .

honor the fine achievements and dedication of these individuals, and this meeting was no exception. This year 14 people received awards for their efforts and achievements.

- Arnie Wake, Products Fair '89, Chairperson: Certificate of Appreciation
- Chuck Page, Western Insulfoam: Organizational Certificate of Appreciation
- Linda Bowman, Editor, The Predicator: Publication Award
- Ken Searl, BS by KS: Technical Award
- Dennis Obert, Education Committee Chairperson: Education Award
- Betty Bellwood, Finance Committee Chairperson: President's Certificate

Awards Banquet

- Roy Josi, Publicity Committee Chairperson: President's Certificate
- Les Seeley, Products Fair: President's Certificate
- Steve James, Programs Committee Chairperson: President's Certificate
- Linda Hewitson, Treasurer: President's Certificate
- Curtis Finch, Badge Box: Special Award
- Paul Wilson, By-Laws Committee Chairperson: Special Award
- John Brockamp, Construction Library: Al Hanson Memorial Award
- Perky Kilbourn, PhD: Volunteer of the Year

Other awards given were:

- Winnie Koepke, lucky number holder: Free CSI Dinner
- Bob Lawson, Tremco, winner of free booth space for 1990 Product Fair
- Jim Smith, winner of weekend for two at Salishan Lodge
- Randy Schmeller, winner of weekend for two at Salishan Lodge

by Margie Largent



Andy Cleveland and Ken Searl
Basking in a wealth of knowledge



Tom Clucas and Inga Vrla present Dennis Obert
with well earned Educations Award

Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
228-6444

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 must be typed or clearly printed and received by the 10th of each month.

Please send articles for publication to:

Kevin Martin
12809 NE 8th Place
Vancouver, Wa. 98684

Other CSI business should be directed to:

Portland Chapter CSI,
215 SW First Avenue
Portland, Oregon, 97204,
503/223-8231

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The Predicator**

- **AFFORDABLE!!**
- **EFFECTIVE!!**
- 1 full page insert
Member, \$125
Non-Member, \$150
- 2 full page insert
Member, \$175
Non-Member, \$200

Call Linda Bowman
for details at 228-6444



Portland Chapter Leaders, 1989-1990

President-Tom Shea	760-6433
President-Elect- Dennis Obert	245-7802
1988-89 President- Inga Vrla	635-6227
Secretary-John Kehrli	644-7102
Treasurer-Jim Davidson	226-3508
Executive Director- Margie Largent	620-6573

Board of Directors

Dick Burgess, Prof. '90	226-2921
Bruce Townsend, Prof. '91	228-6444
Andy Cleveland, Ind. '91	620-1014
Steve Miller, Ind. '90	286-2228
Arden Newbrook, Prof. '90	222-4470
Candace Robertson, Prof. '91	222-3753

Committee Leaders

Awards-Linda Bowman	228-6444
By-Laws- Paul Wilson, CCS	635-3618
Certification- Corwin Hymes	620-6617
Editors- Kevin Martin	255-5122
Gunnar Forland	223-9318
Education- Jim Dufala	243-5506
Finance- Inga Vrla	635-6227
Hospitality-Andy Cleveland	620-1014
Liaison-Dick Burgess	226-2921
Library- Alten Hooten	248-9636
Long Range Planning- Don Eggleston	228-6444
Membership- Lee Kilbourn, FCSI, CCS	224-3860
Nominations- Curtis Finch	636-9270
Products Fair- Arnie Wake	252-1812
Programs-Mike Bowles	234-4321
Publicity-Roy Josi	691-3944
Technical Documents- John Lape	243-2837

Region Responsibilities

Region Publications- Ken Searl	223-1181
Region Education- Dennis Obert	245-7802

Region Directors

Les Seeley
DEL Distributing
P.O. Box 6157
Vancouver, WA 98668
(503) 287-7135 or (206) 254-2049

James M. Robertson, FCSI, CCS
Robertson/Sherwood/Architects
96 East Broadway, Suite 6
Eugene, Oregon 97401
(503) 342-8077

Institute Responsibilities

Technical Documents Committee- Bob Klas	644-4222
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Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$20, total investment \$150. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn, FCSI, 215 SW First Avenue, Portland, Oregon, 97204.

The Predicator

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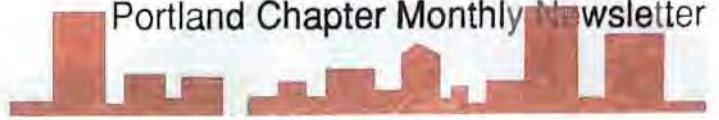


The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology

Portland Chapter Monthly Newsletter



Vol. 29 No. 2

NEXT MEETING

Tuesday

October 10, 1989

SUBJECT
LIGHTING

TIME

Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

COST

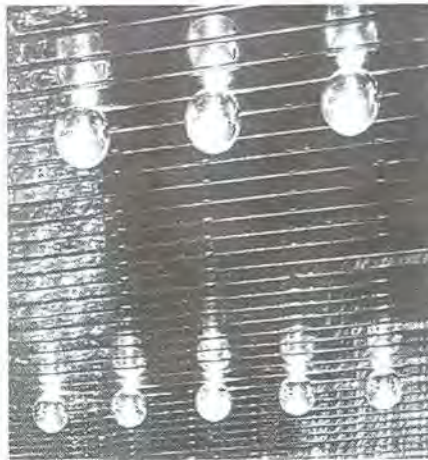
\$15 per person. Guests and spouses are encouraged to attend.

LOCATION

River Queen Restaurant
1300 NW Front

RSVP

Jim Dufala at 243-5506
by noon on Friday, Sept. 8



Lighting is an increasingly important feature in buildings. It affects human productivity in offices and manufacturing plants. It can influence sales performance in retail areas. And it significantly affects energy costs in all buildings.

Revolutionary changes are occurring in the lighting field through better color lamps, more energy efficient lamps and luminaires, smaller lamps and fixtures, and increased emphasis on task lighting.

Our October 10 dinner meeting and October 11 seminar will feature lighting and will be presented by a distinguished panel of lighting professionals;

MARK ADOLPH, Graham & Associates

ROBERT DUPUY, IALD, Interlight

MIKE PURCELL, Bakke Purcell Properties

MARK RAMSBY, IALD, Illume Lighting Design

CRAIG MARQUARDT, IALD, PAE Consulting Engineers

MIKE MCCULLOUGH, SRG Partnership

Topics of discussion will include;

- The role of the lighting designer in the building process

- How lighting designers interface with CSI members and contractors. Come join us for an informative discussion of this important topic.



- Roy Josi,
Publicity Committee

PORTLAND CHAPTER

CSI

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Message from the President



TOM SHEA

This years educational program is this chapters most extensive and aggressive ever. If you didn't pick up an education schedule at the last dinner meeting and would like one you can contact Jim Dufala, 243-5506 or Dennis Obert, 245-7802.

Please take the time to study this impressive list of seminars and discussions.

We all know how important it is to keep up with the current trends and changes in the construction industry.

Please circulate this schedule with clients and associates. We would like to see our members (and non-members) take full advantage of this program.

So let's all get out and spread the word. Education, after all, is where it's at.

- GF

Minutes of Board Meeting

Minutes of June 6, 1989 Board of Directors Meeting

Present: Inga Vrla, Tom Shea, Linda Hewitson, Curtis Finch (late), Dick Burgess, Mary Hutchins, Arden Newbrook, Paul Wilson

Also Present: Margie Largent, Lee Kilbourn, Bruce Townsend, Arnie Wake

Absent: Jim Hirte, John Kehrl, Steve Miller

The meeting was called to order (with quorum present) in lobby of AIA-CSI office at 12:10 pm. Minutes of May meeting approved.

Treasurers Report: Balance in checking - \$12,256.00 at Oregon Bank (west one). No interest, no service charge but a charge for printing checks.

We also have a Columbia Funds account. Moved (Shea), second (Burgess) to transfer bulk of funds to Columbia Funds, keeping enough in checking to cover monthly expenses. Motion carried. Chapter secretary to meet with finance committee.

Products Fair: Arnie Wake, Products Fair committee leader, went over his "Report to President" - Lee will check for final booth payments - however income was approximately \$29,375.00 with expenses of approximately \$15,228.00 leaving a

balance of over \$14,000.00. The next meeting of the Products Fair Committee was set for June 15, 1988.

Winners were announced for Products Fair booth and etc. President Shea was to send announcements to the winners.

Arnie thanked his committee - Curtis, Inga, Les and Lee for their invaluable help.

Program: Tom Shea made arrangements for "Dales" to cater dinner for June 13, Annual Awards Banquet. The Construction Library was the highlight of the evening. Librarian Polly Westover and John Brockamp, Liaison Committee Chairman providing the "lighting". Candace Robertson presided as Toastmaster.

Awards: Ready to be framed and presented, Inga and Margie doing the framing.

Delegates: Card for National Convention Delegation was discussed. The Board moved to reimburse Lee Kilbourn and Dr. Kilbourn for registration expenses.

Publicity: Publicity Committee was again commended for a great year of program attendance (calling), for Products Fair (calling) and writing good material for both. Also acknowledged individuals for "getting the word out" on Products Fair, i.e. Curtis Finch and Bruce Townsend.

*John Kehrl, Secretary,
Portland Chapter*

BS by KS

Basic Specs by Ken Searl



"An Oregon driver is the second one to run the stoplight"

Expose Yourself to Specs !

This summer we took a two week vacation in Florida. We went from Miami to Orlando, Key West and back to Miami with several stops inbetween. We were impressed by many things but the three most impressive were an air boat ride in The Everglades, that long bridge on the way to Key West, and the other automobile drivers. I will talk about that last item.

We drove approximately 1,000 miles during our visit to Florida. It was soon apparent that most of the drivers were entirely different than those we have in Oregon. On the major highways it was very seldom that we were passed by any one going faster than the posted speed. There was no one cutting in and out of traffic. Nobody hugging our back bumper as if he were trying to push us along. As if he just couldn't wait to pass us while we were passing another car doing the speed limit.

It is noted that in the areas we travelled at least 40 percent or more of the drivers were probably from outside of Florida. Evidently there weren't many Oregon drivers out there. What is an "Oregon driver" you may ask. One definition I've heard is; an Oregon driver is the second one that runs a stop light.

Years ago Oregon Drivers seemed to me to be courteous and for the most part pretty good drivers. At that time it was California drivers that we considered to be a bunch of wild rowdies. These days we drive in California quite a bit and we are usually treated more courteously in California than we are here in Oregon. It should also be noted that those considerate Califor-

nia drivers are mostly found north of the Los Angeles area where where wild rowdies still prevail.

Now why is it that Oregon drivers are so awful and what can be done about it? In my opinion they need counseling or rehabilitation or something. Maybe a trip to the wood shed!

So much for life in the fast lane, let's get down to some spec items.

Some specification writers are using a computerized Door and Hardware Schedule and a Room Finish Schedule programmed by Chuck Selig, one of our local architects. This computerized version is "menu driven" and "user friendly", although once in a while it squawks at me just because I hit the wrong key or something. Computers are that way, they just

This...version is "menu driven" and "user friendly ". Although...

don't understand humans.

Our office uses this program and we find it very helpful. It goes by individual opening number on each line. If revisions or corrections are needed they are easily accomplished. This program is especially handy when it comes to duplicate door hardware - just press the same as the last door and then go on to the next opening number. It prints out in an 8-1/2" x 11" format that fits nicely into a project manual. We place the Door and Hardware Schedule at the end of Section 08710 and the Finish Schedule at the end of Division 9. I assign Section 09985 to the Finish Schedule.

I heartily recommend this program. If you are interested in more information or in obtaining a copy of this program call Chuck Selig at 224-0173.



Ken Searl is a Spec Writer for WEGroup Architects in Eugene and Portland

Industry News

New Study Shows Lighting Control Systems Can Reduce Electric Bills

By using a lighting control system, the annual cost to light office buildings could be reduced by 20%, according to a study by Honeywell.

Most of the savings come from reducing light in overlit areas. Other cost-saving methods include:

- Adjusting indoor lighting levels in response to available daylight.
- Reduced lighting levels when an area is not occupied.
- Adjusting lighting levels according to the task that is performed in that area.

- Using an energy management system to reduce lighting levels when a building's electrical consumption nears expensive demand charges.

The model used in the research, developed by Francis Rubenstein, staff scientist with the Lighting Research Group at Lawrence Berkeley Laboratory, Berkeley, California, contained such factors as the numbers of circuits and amperage per circuit; the number of hours per week lighting is used; maintenance requirements; and local electricity costs.

-*Electrical Contractor*, May 1989

CDT Program Allows Graduates to Use Initials

Graduates of the Construction Documents Technology Program (formerly the Certificate Program) can now display the initials CDT after their names to demonstrate their knowledge of construction documents. This name change, approved by the Board at its February meeting, provides more visible recognition for successful candidates and more accurately describes the programs intent.

Tax Deductible Conventions

According to recent changes in tax laws, trade show and convention deductions depend on whether the attendee's business benefits from the convention.

Four factors can help determine if expenses are tax deductible:

- The amount of time devoted to business compared the time devoted to recreational activities

Upcoming Educational Event

Thursday, Oct. 5th

Topic: Windows & Interior Glass

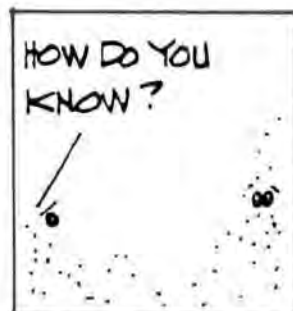
Presented by:
Bob Thompson

Address:
10950 S.W. 11th
Beaverton

7:00 pm - 9:00 pm

Free

specks



alciatore

Industry News

- The location of the convention
- The attitude of the sponsor (an award/bonus, or training session)
- The people invited to the convention

If the convention trip is both professional and personal, only the business expenses may be deducted. For example, any local expenses (meals, lodging) incurred at the site of the convention that are directly related to the attendee's business are tax deductible.

Banquet costs used to be tax deductible, but as of January 1, 1989, the 20 percent reduction rule for all other business meal expenses applies.

There are some convention expenses that can't be written off. Usually, conventions held outside the North America area or Jamaica are not tax deductible, unless the location benefits the attendee's business.

For those looking for tax breaks, the best advice is to follow the tax rules and keep accurate records.

-Glass Magazine, April 1989

Manufacturer Liability - When Does It End ?

To protect consumers from defective merchandise, most states have adopted Section 402A of the Restatement (Second) of Torts that

states a manufacturer may be held liable for defective merchandise that harms the buyer. In order for the manufacturer to be held liable, the product must reach the consumer in a defective condition.

Even though some states have adopted this ruling, many courts have been faced with this issue.

In *Glass v. Allis-Chalmers Corp.*, 789 F.2d 612,614 (Eighth Circuit 1986), the court stated that "a manufacturer cannot be held liable because a product simply wears out over time." In this type of situation, the plaintiff must prove that the defect existed at the time the product left the manufacturer's hands and that such defect caused the plaintiff's injuries.

In a similar case, *Scott v. White Trucks*, 699 F.2d 714 (Fifth Circuit 1983), the court ruled that "a manufacturer is under no duty to make a product that will last forever or will withstand abuse or lack of maintenance or that is foolproof, nor one whose component parts do not wear out." In *St. Louis-San Francisco Railway Company vs. Armco Steel Corp.*, 490 F.2d 367,368 (Eighth Circuit 1974), a train wheel failed due to metal fatigue. The court found the manufacturer not liable. It said that to go beyond the doctrine of strict liability would be to hold the manufacturer as an insurer and thus, responsible for its products' failures.

But what are the limits on a manufacturer's liability? To protect the manufacturer, Section 110 of the Uniform Products Liability Act attempts to limit the

manufacturer's liability only for the product's "useful safe life." In fact, several states have tried to enact statutes that predetermine the product's useful safe life (usually ten years). But in *Lankford v. Sullivan, Long & Hagerty*, 416 So.2d 996 (Ala. 1982), the Alabama Supreme Court struck down a statute limiting the manufacturer's liability. The Court allowed the plaintiff to sue for injuries incurred fifteen years after the manufacture of the elevator in which he was riding collapsed.

In most liability cases, the plaintiff must establish causation and liability. Without it, product longevity is not the same as defect.



My candle burns
at both ends;

It will not last
the night;

But, ah, my foes,
and, oh, my
friends-

It gives a lovely
light.

- Edna St. Vincent
Millay

NEXT SEMINAR

Wednesday
October 11th

Panel Discussion
on
LIGHTING

TIME
12:00 - 1:30p.m.

COST
\$5.00- Includes Box Lunch!

LOCATION
Zimmer Gunsul Frasca
320 SW Oak, 5th floor

RSVP
Jim Dufala, 243-5506 by noon
Friday October 6th

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ideals of a
nation by its'
advertisements.

- George Norman
Douglas

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for details at 228-6444

Conference Report

Report from Coeur d'Alene

The CSI Northwest Region Conference Held in Coeur d'Alene, Idaho was attended by over 90 CSI members, spouses and guests.

The theme "Exploration Northwest - Utilizing Our Potential" was addressed by three speakers, using three examples of the power of human potential in the Northwest. Don Peoples related the revitalization program going on in Butte, Montana. Phyllis Campbell explained the Spokane, Washington, "Momentum 89" program, its' formation and anticipated success. And Duane Hagadone gave us an entrepreneurial success story from Coeur d'Alene; his achievements methods and goals for his business and for the Coeur d'Alene community at large.

Three of the notable guests in attendance were Penny Goodman of the Institute staff, Bob Johnson, Institute President-Elect from Maryland, and Robert Hockaday, Institute Education Chairman from Hawaii.

The report from the Education Committee (Hockaday and Sandy Velleca, Anchorage, Alaska) was very encouraging. The Cook Inlet Chapter has been working very successfully with the University of Alaska. We are "utilizing our potential".

The report from the Technical

Committee (Alan Tokugawa, California and Brad Williamson, Seattle, Washington) was somewhat less encouraging and more exploratory in nature. It is in need of our "potential" for technical advancement.

For fun and relaxation and "exploration" we had a boat cruise, a golf tournament, a race track, an art show and more! Les' "golf award" was a fun piece of entertainment.

Other awards presented to the Portland Chapter, as reported from the September Chapter meeting;

Chapter Growth Award - Lee Kilbourn

Education Award - Directors, Dennis Obert

Publication Award - Linda Bowman (The Predicator)

Directors Citation - Jim Davidson, Trustee

The twelve attendees from the Portland Chapter were; Tom Shea (2), Dick Gira, Les Seeley (2), Tom E. Clucas (2), Inga Vrla, Margie Largent, Obert (2) and Ken Searl.

-Reported by
Margie Largent



BASICS OF SPECIFICATION WRITING SEMINAR

On Wednesday, October 25th, Portland Chapter is proud to again present the excellent 3 hour seminar on "The Basics of Specification Writing", presented by Paul Edlund, FSCI, at the Red Lion Coliseum from 11:30 am to 2:30 pm. Cost is \$15.00 - including lunch.

Reservations should be made by calling Jim Dufala at 243-5506 by noon Monday, October 23rd.

Paul Edlund is from our Willamette Valley Chapter and does an excellent job of covering the basics of specification writing. For years he has taught the Specification Writing course at the University of Oregon.

Architectural firm principals should strongly consider sending their intern architects and junior architects to this seminar.

-Roy Josi

Attention Industry Members:

The October dinner meeting and following-day seminar will be on Lighting. Any industry member that has related products can display them at the dinner meeting on a "Table Top" for a price of \$25 for CSI members or \$50 for non-members. If interested, please contact Jim Dufala at 243-5506 by Friday, October 6th.

Editors Notes

I would like to express appreciation and encouragement to all the members who have called to inquire about submitting articles to THE PREDICATOR.

It certainly makes the editors' job much easier and more interesting with input from the local membership. Considering the range of topics to be dealt with during this years' Education Program there should be plenty of

Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
228-6444

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 must be typed or clearly printed and received by the 10th of each month.

Please send articles for publication to:

Kevin Martin
12809 NE 8th Place
Vancouver, Wa. 98684

Other CSI business should be directed to:

Portland Chapter CSI,
215 SW First Avenue
Portland, Oregon, 97204,
503/223-8231

opportunity for continued input from a broad spectrum the membership.

When articles are submitted, please consider including a picture - illustrative of either the subject or author. Please refer to column above for addresses and phone numbers of editors. We look forward to hearing from you.

Next Month:

Corwin Hymes on:

Certification

Portland Chapter Leaders, 1989-1990

President-Tom Shea	760-6433
President-Elect- Dennis Obert	245-7802
1988-89 President- Inga Vrla	635-6227
Secretary-John Kehrli	644-7102
Treasurer-Jim Davidson	226-3508
Executive Director- Margie Largent	620-6573

Board of Directors

Dick Burgess, Prof. '90	226-2921
Bruce Townsend, Prof. '91	228-6444
Andy Cleveland, Ind. '91	620-1014
Steve Miller, Ind. '90	286-2228
Arden Newbrook, Prof. '90	222-4470
Candace Robertson, Prof. '91	222-3753

Committee Leaders

Awards-Linda Bowman	228-6444
By-Laws- Paul Wilson, CCS	635-3618
Certification- Corwin Hymes	620-6617
Editors- Kevin Martin	255-5122
Gunnar Forland	223-9318
Education- Jim Dufala	243-5506
Finance- Inga Vrla	635-6227
Hospitality-Andy Cleveland	620-1014
Liaison-Dick Burgess	226-2921
Library- Alten Hooten	248-9636
Long Range Planning- Don Eggleston	228-6444
Membership- Lee Kilbourn, FCSI, CCS	224-3860
Nominations- Curtis Finch	636-9270
Products Fair- Arnie Wake	252-1812
Programs-Mike Bowles	234-4321
Publicity-Roy Josi	691-3944
Technical Documents- John Lape	243-2837

Region Responsibilities

Region Publications- Ken Searl	223-1181
Region Education- Dennis Obert	245-7802

Region Directors

Les Seeley
DEL Distributing
P.O. Box 6157
Vancouver, WA 98668
(503) 287-7135 or (206) 254-2049

James M. Robertson, FCSI, CCS
Robertson/Sherwood/Architects
96 East Broadway, Suite 6
Eugene, Oregon 97401
(503) 342-8077

Institute Responsibilities

Technical Documents Committee- Bob Klas	644-4222
--	----------

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$20, total investment \$150. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn, FCSI, 215 SW First Avenue, Portland, Oregon, 97204.

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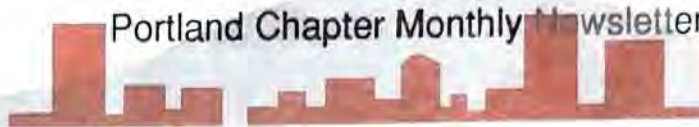


The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology

Portland Chapter Monthly Newsletter



Vol. 29 No. 3

November, 1989

Doors, Frames and Hardware

Our November CSI meeting will be a joint meeting with the Door and Hardware Institute (DHI). The dinner meeting will feature a panel of experts from DHI including the **Regional Director, Gene Stiles**, who is also manager of **Security Sales for Grand Metal Products**. Gene and his panel with **Gary Wilson of Chown Inc.**, **Bob Richard of Oregon Builders Hardware**, **Hal Elder of G.L. Simms & Associates**, and **John Dalrymple of Von Duprin Inc.**, will talk about door hardware from their perspectives. They will also tell us more about DHI including why architects and specifiers can look to DHI members for assistance with specifications for doors, frames and hardware.

The following day's seminar on Wednesday, November 15th, from noon to 1:30 pm, will be held at Zimmer Gunsul Frasca and will

feature the above panel plus another 5 industry experts - including an installer. Cost is \$5.00 and includes a box lunch. Issues to be discussed include;

- Eliminating "grey areas" in specifying doors and hardware
- What belongs in the "boiler plate" of specifications in this area
- Critique and discussion of a model specification
- When to specify standard versus custom hollow metal doors and frames, and the price differences of each
- Discussion of quality control issues concerning wood doors - including differences between 5 and 7 ply doors
- Ways to shorten the review process for hardware, especially in the light of architects and suppliers having their own schedules of door hardware.

Reservations for the dinner meeting and/or the seminar can be made by calling Jim Dufala at 243-5506 by Friday, November 10th.

-- Roy Josi --

NEXT MEETING

Tuesday
November 14th, 1989

SUBJECT
*DOORS, FRAMES
AND HARDWARE*

TIME
Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

COST
\$15 per person. Guests and spouses are encouraged to attend.

LOCATION
River Queen Restaurant
1300 NW Front

RSVP
Jim Dufala at 243-5506
by noon on Friday, Nov. 10th

PORTLAND CHAPTER

CSI

WHAT'S INSIDE

- Local News page 2
- BS by KS page 3
- Library Guide page 5
- New Certifications page 6

Chapter News

1989 CSI / AIA GOLF TOURNAMENT

The 1989 CSI/AIA Golf Tournament would like to thank the following sponsors for making this years event such a success; **Zimmer Gunsul Frasca Partnership; Westwood Corp.; Breedlove McConnel Granning Pease, Engineers; Armes & Associates; WE Group PC/Architects & Planners; Masons Supply Co.; W.G. Berry, Engineers; Cronin & Co.; Smithwick/Wesern Block Co.; James Hagerman, Architects & Planners; Koch Sachs Whittaker Aanderud, Architects; Construction Data**

NEXT SEMINAR

Wednesday
November 15, 1989

INDUSTRY EXPERTS ON
*DOORS FRAMES AND
HARDWARE*

TIME
12:00 - 1:30p.m.

COST
\$5.00- **Includes Box Lunch!**

LOCATION
Zimmer Gunsul Frasca
320 SW Oak, 5th floor

RSVP
Jim Dufala, 243-5506 by noon
Friday, November 10th.

& News; Walls & Ceilings Industry Promotion Fund; The L. P. Co.; Masonry Institute; Cascade Acoustics; Jeff Sholian, Doug Bean & Associates; Northwest Lath & Plaster Trust; and Strode Eckert Photographic.

Also, a special thanks to **Western Image Systems** for their contribution of over 1,000 flyers (and on colored paper no less)!

And now for the moment you have all been waiting for - the winner of the "Texas Scramble" tournament, in a tie-breaker, was the team of Jim Ferguson, Kevin Betker, Shirly Mann and Cy Stadsvold. Congratulations to the winning team and to the organizers for putting on such a fine event.

Minutes of August Planning Meeting

Present: Dufala, Martin, Largent, Kilbourn, Shea, Josi, Davidson, Lamb, Kehrl, and Vrla.

Treasurers report:: Jim Davidson presented the statement of income and expenses for July 1, 1988 to June 30, 1989.

Advised that all budgets for the coming year need to be submitted ASAP.

Requested fiscal year be changed to Sept. 1, through Aug. 31. Recommendation will be put before the directors soon.

Question brought as to who had and had not paid for advertising in The Predicator. Jim Davidson will advise.

Request was made that all

money from the Products Fair go directly to the treasurer or possibly directly to the bank.

Presidents report: Tom Shea reported that Arnie Wake will head up the Products Fair again this year. His goal this year will be to get industry people from major local firms such as Tektronix and Intel into CSI.

Tom advised that dinner meetings will be held at the River Queen this year.

Education Report: Jim Dufala advises that 30 programs are in place. The list of programs will be ready for the September issue of The Predicator.

CSI education meeting will be held in conjunction with "Institute for Construction Resources" on Tuesdays 7:00 to 9:00 pm.

Luncheon meetings will be held on Wednesdays as indicated. Jim will take all calls for meetings and dinner reservations.

A proposal will be put before the board to pay Jim a percentage of the proceeds from the table top displays for his trouble.

Publicity Report: Roy Josi will continue Calling Committee prior to dinner meetings.

Meeting was adjourned at 11:15

Minutes of September 5, 1989 Board of Directors Meeting

Present: Shea, Largent, Kehrl, Davidson, Newbrook, Townsend, Miller, Robertson

-- Continued on page 4--

BS by KS

Basic Specs by Ken Searl



*"Eternal vigilance
is the price of
getting the job
done correctly"*

Expose Yourself to Specs !

Addenda can get one into trouble and that includes contractor, subcontractor and architect. When I say trouble, I mean if an addendum is forgotten during construction. Believe me, it seems we all tend to miss an important addendum item occasionally. Sometimes this can be downright embarrassing. I will give you a couple of examples.

On one project we changed the height of a chair rail and the mounting height of exit devices in connection with a window wall. Yes, you guessed it. The chair rail was changed to the lower mounting height as listed but the exit devices remained at the original height - including the center muntin of glass door. This did not affect operations but the design architect did some growling when he discovered this situation. It is noted that design architects have a tendency to growl now and then (or at least snort on occasion).

Another example of a trouble maker is when original specifications call for tempered safety glass in certain locations and by addendum they are changed to laminated glass. It seems that glass people just have to install tempered even though it was changed by addendum. I might add that if your original specifications specify laminated glass only, be sure you check closely because every time I check I find tempered glass in lieu of the laminated glass. Over the years I have found it is necessary to call the glass installer and have a little chit chat before it becomes time to install the glass.

Now, you may ask, what causes all this forgetfulness? I believe in many cases it can be blamed on "oldtimers" disease.

Seriously though, how can we improve this condition? One method many contractors and subcontractors use is to cut up copies of addenda and paste them in the sets of specifications and drawings in the construction project office, and in their company office. This usually works fine but there is often an item or two that has the audacity to slip through the cracks. To paraphrase a saying, *eternal vigilance is the price of getting the job done correctly.*

In my last BS Column I discussed Oregon, Florida and California drivers. John Brockamp, one of our local CSI members, responded by sending the following "Traffic Muse" written by Alfred Cameron of Scotland. It is an addendum that should be cut out and pasted on the dashboards of a good many local drivers.

You watch the guy who drives ahead
And the guy who drives behind
You watch to the left
And you watch to the right
And you drive with a calm, clear mind.
But the guy you really have to watch
On the highway, you will find,
Is the guy behind the guy ahead
Who's ahead of the guy behind.

I do thank all you nice folks for the many calls and letters I receive regarding my BS Column.



Ken Searl is a Spec Writer for WEGroup Architects in Eugene and Portland

On Excellence:

Comments on "BS by KS",
September, 1989

As usual, Ken [Searl] hit upon a subject and source of frustration relevant to all of us.

Doing things the way "we've always done them" even if it's wrong, touches (robs) all of our lives in some way. Because it is so commonplace, and

--Continued on page 4--

SEMINAR ON PROPER DRYWALL FINISHING

Want to learn more about proper drywall finishing techniques by actually seeing it done on a real jobsite? After seeing the four step process (taping, doubling, flushing, and sanding and touch-up) done properly, and learning from local experts at this seminar on Wednesday, November 29th, attendees should be better able to specify and coordinate this important process. The two hour seminar, from 11:30 am to 1:30 pm, includes a box lunch and will be conducted at a downtown jobsite by a factory representative for a drywall products manufacturer and by Ed Charles, Director of the Wall and Ceiling Industry Promotion Fund. Cost is \$5.00. The jobsite to be confirmed shortly. For information call Ed Charles at 295-0333. To register call Jim Dufala at 243-5506 by noon, Monday, November 27th.

Comment

--Continued from page 3--

because we ourselves are sometimes guilty, we've developed a great tolerance for less than the best. That's why In Search of Excellence was such a big seller; we instinctively crave excellence because we experience so little of it. We've grown accustomed to the face of mediocrity.

Fortunately (I think), the Japanese are shaking us out of such complacency in many areas. Unfortunately, they have not yet had significant impact on domestic construction documents or practices. Perhaps that's coming.

Evenso, there is assurance available for design professionals and owners to actually get what they want ("the best"). The only problem is that securing the assurance requires them to **DO SOMETHING DIFFERENTLY**. It is possible to write specifications that require the products/systems of only listed manufacturers and/or require installation by only listed contractors. This can be done on virtually all types of projects; it can be enforced on virtually all types of projects (the Supreme Court has thus ruled).

If actually naming acceptable manufacturers and/or contractors in the project manual is "going too far", there's still assurance available in listing criteria that any/all manufacturer(s)/contractor(s) must meet to be acceptable on a given project. In either case, the desire

to get what you want ("the best") must be matched by the ability to resist the temptation to accept a compromise in exchange for a credit. If all professionals did this, just think of what might happens to their liability insurance costs and owners' maintenance costs.

*--Larry Brown FCSI--
Vice-President, Oregon Insulation
General Manager, Exterior
Systems*



Board Meeting

--Continued from page 2--

Also Present: Kilbourn, Dufala, Josi

Absent: Obert, Vrla, Burgess, Cleveland.

Programs: Steve Miller asked for volunteers to take notes at monthly meetings. Jim Davidson indicated he would help out with note taking and also collection of money at dinner meetings.

Miscellaneous: Margie Largent needs a listing from committee chairs of all their people and their duty list. Three hundred bulk mailing stamps need to be picked up from Marge.

Roy Josi brought up question of compensation for Jim Dufala's work in taking dinner reservations and etc. Roy will write a proposal for the Board's approval, allocating a percentage of the "table top" display revenue to Jim in payment.

Meeting adjourned at 12:58 pm.

The Library Corner

A GUIDE TO STANDARDS AND REFERENCE SOURCES

THE CONSTRUCTION LIBRARY, MULTNOMAH COUNTY LIBRARY

Most Standards and Specifications are in cartridge microfilm format. These can be photocopied for 25 cents per page.

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API - Refining API *see also under Current Index*
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SAE - Manuals *Complete*
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Other (Paperbound or Diskette Copies)

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APWA - American Public Works Association *see 0389 A543s 1980 in Stacks*
NAVFAC - Naval Facilities Engineering Command *Guide Specifications, 1987 Diskettes for IBM WordPerfect*
SAE - J Reports *see R629.1 S675 1989 v.1-4 (SAE HANDBOOK), see also Blue Index*

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CERTIFICATION: TAKE YOUR PICK

C.
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Want to become recognized for knowledge of CSI principles in the preparation of written construction documents?
Want to qualify yourself to put CCS beside your name and enhance your professional reputation? Want to demonstrate your commitment to your profession in a tangible way?

Then become a Certified Construction Specifier (CCS)!

HOW? Apply to take the exam by January 15, 1990. Obtain an application from Certification Chairman, Corwin Hymes, 620-6617. Application fee is \$95.00.

WHEN? The exam is a three part, 5 1/2 hour exam held on April 7, 1990. The first parts are the same as the CDT Exam. The third part is a practical exercise portion. Corwin is assembling an excellent study guide and instruction curriculum to be conducted during noon sessions in the Spring of 1990.

WHO? Experienced specification writers who write specs on a regular basis.



Corwin Hymes, Health Physics Northwest

Want to become more knowledgeable in the CSI Manual of Practice and the General Conditions to improve your professional excellence? Want to qualify yourself to put CDT beside your name and enhance your trust and confidence with architects and construction professionals? Want to demonstrate your commitment to your profession in a tangible way?

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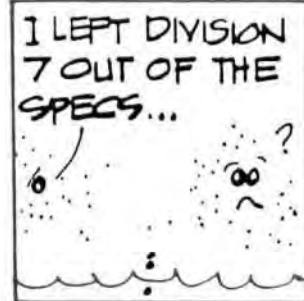
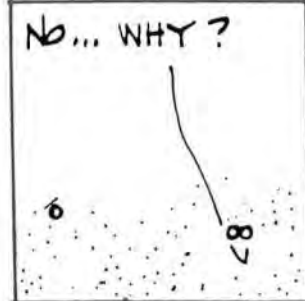
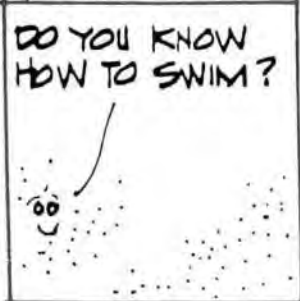
HOW? Apply to take the exam by January 15, 1990. Obtain an application from Certification Chairman Corwin Hymes, 620-6617. Application fee is \$75.00.

WHEN? The exam is a two hour exam held on April 7, 1990. It consists of questions on the CSI Manual of Practice and the General Conditions from AIA of EJCDC. Corwin is assembling an excellent study guide and instruction curriculum to be conducted during noon sessions in the Spring on 1990.

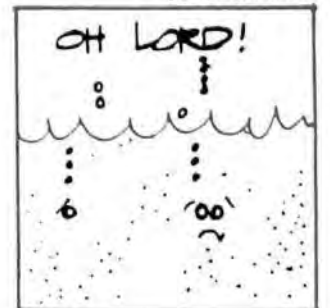
WHO? Anyone in the construction industry who provides products and interprets specifications.



Specks



Alciatore



Attention Industry Members:

The November dinner meeting and following day seminar will be on Door Hardware. Any industry member that has related products can display them at the dinner meeting on a "table top" for a price of \$25.00 for CSI members and \$50.00 for non-CSI members. If interested please call Jim Dufala at 243-5506 by Friday, November 10.

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Member, \$175
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for details at 228-6444

Construction Toastmasters

Sixty-five years ago, Toastmaster founder, Dr. Ralph C. Smedly, dreamed of creating an opportunity for individuals to come together to develop their skills. Today, Dr. Smedly's dream has grown into more than 6,900 clubs worldwide with more than 150,000 members. The Construction Toastmasters Club was organized this year through the efforts of AGC, AIA, CECO, CSI and the Multnomah County Library. Learning about the needs of others involved in the delivery of construction services is one of the benefits unique to the Construction Toastmasters Club.

The club meets each Monday from 7:00 pm to 8:45 pm at the Multnomah County Library in Auditorium E.

To learn more about the Construction Toastmasters Club please contact:

John Brockamp - 655-9151
Rich Adelman - 223-0992

Industry News

Court Allows Bid Withdrawal

A Georgia appellate court has ruled that a contracting firm made a major mathematical error in its bid could withdraw the bid even though the bid documents prohibited this.

In *First Baptist Church of Moultrie v. Barber Contracting Co.*, Barber Contracting Co. submitted its bid for constructing a new building for the church. Barber immediately noticed a \$143,120 error on its worksheet and asked the project architect and church officials' permission to withdraw the bid. The church refused. The court concluded that a bidder who makes an unintentional

Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
228-6444

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 must be typed or clearly printed and received by the 10th of each month.

Please send articles for publication to:

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12809 NE 8th Place
Vancouver, Wa. 98684

Other CSI business should be directed to:

Portland Chapter CSI,
215 SW First Avenue
Portland, Oregon, 97204,
503/223-8231

mistake in calculating its bid may withdraw the bid if it notifies the owner promptly, and if it would be "unconscionable" to make the bidder perform the contract at the mistaken price.

The court was satisfied that the mistake was a "simple clerical error," and decided that to hold the contractor to that bid was "unconscionable."

-ENR, July 20, 1989



Portland Chapter Leaders, 1989-1990

President-Tom Shea	760-6433
President-Elect- Dennis Obert	245-7802
1988-89 President- Inga Vrla	635-6227
Secretary-John Kehrli	644-7102
Treasurer-Jim Davidson	226-3508
Executive Director- Margie Largent	620-6573

Board of Directors

Dick Burgess, Prof. '90	226-2921
Bruce Townsend, Prof. '91	228-6444
Andy Cleveland, Ind. '91	620-1014
Steve Miller, Ind. '90	286-2228
Arden Newbrook, Prof. '90	222-4470
Candace Robertson, Prof. '91	222-3753

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Awards-Linda Bowman	228-6444
By-Laws- Paul Wilson, CCS	635-3618
Certification- Corwin Hymes	620-6617
Editors- Kevin Martin	255-5122
Gunnar Forland	223-9318
Education- Jim Dufala	243-5506
Finance- Inga Vrla	635-6227
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Liaison-Dick Burgess	226-2921
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Long Range Planning- Don Eggleston	228-6444
Membership- Lee Kilbourn, FCSI, CCS	224-3860
Nominations- Curtis Finch	636-9270
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Programs-Mike Bowles	234-4321
Publicity-Roy Josi	691-3944
Technical Documents- John Lape	243-2837

Region Responsibilities

Region Publications- Ken Searl	223-1181
Region Education- Dennis Obert	245-7802

Region Directors

Les Seeley
DEL Distributing
P.O. Box 6157
Vancouver, WA 98668
(503) 287-7135 or (206) 254-2049

James M. Robertson, FCSI, CCS
Robertson/Sherwood/Architects
96 East Broadway, Suite 6
Eugene, Oregon 97401
(503) 342-8077

Institute Responsibilities

Technical Documents Committee- Bob Klas	644-4222
--	----------

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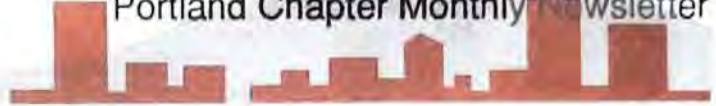
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The Predicator

Portland Chapter Monthly Newsletter



Vol. 29 No. 4

December, 1989

Values and Ethics in Industry / Humor in the Work Place

The December meeting should be of interest to both CSI members and significant others and will feature 2 speakers - you're getting twice your money's worth!

Steve Koyen, President and founder of **Professional Development Associates**, will be talking about **Values and Ethics in Industry**. In today's marketplace we have a crisis in terms of values and ethics - there is a disrespect for the basic values that enhance productivity. Two of the values that Steve will be talking to us about are integrity and personal responsibility. Steve has an MBA degree from the University of Nebraska and founded PDA three and one half years ago. The mission of his firm is to "demonstrate to people that *they have choices and a world of possibilities.*"

Margrit Gehne will speak on **Humor in the Workplace**. Mar-



Margrit Gehne

grit, owner of a clothing manufacturing firm named **Margrit's Originals** and co-owner of a personal development company named **Forever You, Inc.**, will talk about *making humor a vital part of your communication skills* and about letting humor help you overcome emotional responses due to misunderstandings and criticisms. Margrit's long list of customers includes such companies as Meier and Frank.

Here's a chance to gain some personal development. And an opportunity to take a good look at ourselves and our effectiveness as we prepare to move into the new decade.

-- Roy Josi, PGE --

NEXT MEETING

NEW DATE

Wednesday,
December 13, 1989

TIME

Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

COST

\$18 per person.

Guests and spouses are encouraged to attend this Holiday Program.

NEW LOCATION

Atwater's Restaurant
31st Floor, U.S. Bank Tower
111 S.W. Fifth

RSVP

Jim Dufala at 243-5506
by noon on Friday, Dec. 8

PORTLAND CHAPTER

CSI

WHAT'S INSIDE

- President's Message page 2
- BS by KS page 3
- Library Corner page 5

Message from the President



TOM SHEA

In Three Words!

Sitting in my hotel room in Seattle and reflecting on the joint CSI-DHI Tuesday night meeting, my feelings can be summed up in three words: Location, Joy, and Task.

Location describes the most immediate feeling. Because the Portland Chapter leaders recognize the importance of location for our dinner meetings and luncheon seminars, I believe the decision made by the Board of Directors the other day is a step up for our chapter. That is an understatement since we are moving the December meeting, and future CSI dinner meetings, to a location over 300 feet above the Willamette River, to Atwater's Restaurant, on the 31st floor of the U. S. Bank Tower. This restaurant meets our need for a location that is close to Portland's central business district, provides free parking, and whose service and

surroundings are of an exemplary quality.

To celebrate this new Location and the year-ending Holiday Season, we are planning a special program. Which brings me to the second word describing my feelings; that word is Joy. To add to your Joy during December, we will feature two professional seminar leaders. They each have founded businesses that present personal and professional growth workshops in the Portland area. We have planned this meeting to let our members and their spouses/guests experience the Joy of humor in their personal and professional lives. And to learn how to cope with the difficult ethical decisions which face us daily.

Personally, I am feeling Joy at this time thanks to the many hard working CSI volunteers performing their tasks. It is their efforts which make being President of this Chapter such a Joyfull experience.

The third word is Task. Our Education and Program Committees have made an effort to increase the amount of valuable information exchanged at meetings and dramatically increase the number of discussions and seminars sponsored by the Chapter. This dynamic program has been made possible because of the many volunteers who have given their time and talents and labor.

So while we are Joyously celebrating our new Location, let me just mention that next year, our Chapter has the Task and the privilege of hosting both the Regional Leadership Training

Conference in April and the Regional Conference at Seaside in September. These two regional programs and our own aggressive educational program have put a strain on chapter volunteers. We would like to increase the number of people involved in planning and helping with the Education, Program, Hospitality, Technical and Products Show Committees. These committees are vital to maintaining a high quality program and are one of the reasons we won the Northwest Region's Chapter Growth Award in 1989. So if you feel rewarded by serving the organization that serves you, then please call me. You will be informed of the time and Location of the next meeting of your favorite committee(s) so that you too may experience the Joy while performing your Task in 1990.

-- D.O. --

New Chapter

WELLCOME NEW CHAPTER !

The newly formed Mt. Ranier Chapter, CSI, starts the New Year with a timely topic titled Earthquakes; Old Buildings and the New Code. This meeting will be Tuesday, January 9th. All subsequent meetings of our new sister chapter will be the first Tuesday of the month. Meetings will be held at O'Callahan's Restaurant at the LaQuinta Inn, Tacoma, Washington. For more information call Mark at (206)-383-3084 or Jim at (206)-941-4846.

Basic Specs by Ken Searl



Expose Yourself to Specs !

This month I will discuss specifications. As you know CSI does promote preparation of excellent specifications. I'll begin by asking just what are good specifications?

Like a lot of things in this life there are many different opinions on most any subject and that is probably as it should be. But what are the basic requirements for good specifications? Several things come to mind. Among them are:

- 1) Specifications should be complete in that they concur with drawings;
- 2) Specifications should be correct in a legal sense; and
- 3) They should be just long enough and no longer.

Now, how does one get this all together? The most important thing is to keep it as simple as possible. One fact many specification writers seem to forget is that specifications are written expressly for the owner, but are really addressed to the contractor. For both these reasons specifications must be clear and concise.

Up to this point, probably most of you are in general agreement. Now comes a point of possible disagreement. In my opinion many specifications are just *too doggone long*. Very lengthy specifications may cause contractors and subcontractors problems in understanding just exactly what is wanted. I firmly believe this can and does result in higher bids submitted. The shorter the specifications (within reason), the better chance there is that an average contractor or subcontractor will not only take time to fully read all

documents, but will understand just what is wanted.

One quick, easy way to shorten a specification is by eliminating such phrases as "shall be", "the contractor", "the contractor shall", "to be" and similar phrases. (The CSI Manual of Practice covers this item.) It is noted that many specifiers have removed this type of verbiage (does one use a verbiage disposal for this?). But many specifications out there are still loaded with such phrases.

Quite a few owners' standard "boiler plate" are still out there (some including lengthy Division One, General Requirements) and no doubt they think theirs is the greatest. For instance on one large project by a certain owner we had less than 20 pages in Division One. With the same owner but a different facility,

With the same owner but a different facility, we had nearly 100 pages in Division One

we had nearly 100 pages in Division One. When one puts it this way it appears at the very least there is a huge incongruity involved.

Our average Division One in most of our specifications is usually 10 to 20 pages and we have had no trouble in many years. What, you may ask, causes "boiler plate" (including Division One) to be so lengthy? Two things come to mind. First, attorneys assist in preparation. And I believe that unless the attorneys have some construction expertise, they don't understand the situation. Second, longtime owners can't resist continually adding items to their Division One. Due to their already lengthy Division One, they sometimes have problems. So to correct this and any suspected potential problems, more words are added which will probably cause additional problems in the future.

I would like to hear from owners, specifiers, contractors and suppliers on this subject. Call or write me and give your views.



Ken Searl is a Spec Writer for WEGroup Architects in Eugene and Portland

Why Should I Become a Construction Document Technologist ?

With the deadline for application closing January 15, 1990, you as a manufacturer's rep, contractor, project architect or contract administrator, may be asking yourself that question. Well let's hear what some of your peers are saying about the CDT certification.

"CDT program participants learn the correct language and rules of the specifying industry, which results in far better, more productive job pursuits. It sets you apart from other representatives that call on the same customer/specifier. CDT's are recognized as not only knowing about the company's product, but also what the specifiers job is all about.

Being recognized as having acquired certain job related knowledge and skills by an outside institution rates high on the personal growth chart of any performance appraisal."

*Kendall Norman, CDT
Sales/Market Manager,
Federal Government Market
3M Company
Electrical Products Division*

"CSI's CDT program has helped me immensely in my understanding of building prod-

ucts and detail. It has also given me the opportunity to refresh my understanding of the A201 contract. This Program is a must for any project architect!"

*Roger Johnson, CDT
Project Architect
ATS&R*

"I studied and became a CDT to differentiate myself with architects I call on - that I'm not just another peddler calling on them, but I am committed to professionalism, what they do, and providing valuable input to construction documents. I feel the CDT has helped my self-confidence and gained me more respect from architects. In fact, one architect said he only wants to see suppliers that are CDT's".

*Inga Vrla, CDT
Sales Representative and
Office Manager
National Marketing*

For more information and an application, call Corwin Hymes, CDT, at 620-6617.

Why Should I Become a Certified Construction Specifier ?

With the deadline for application closing on January 15, 1990, you as an experienced specification writer may be asking yourself that question. Let's hear what some of your peers say about the CCS

certification:

"Excellent specifications aren't developed overnight. And neither are the people who prepare them."

*Michael L. Spense, CCS
Vice President, Manager
of Specifications
Ellerbe Becket, Inc.*



*Corwin Hymes, Health
Physics Northwest*

"Since 1948 CSI has been developing procedures for more effective communications around construction documents. To date about 20,000 people are availing themselves of these procedures nation wide. Now CSI offers this certification for experienced specification writers. For spec writers to turn their backs on the communication foundations established [over] all these years is a disservice to the construction industry, their firm, and themselves. Certification doesn't take all that much time, effort or money, but results in cutting edge communication with fellow construction members. Communica-

-- continued on page 5,
column 3 --



CSI

Date Change to

Wednesday

December 13th

Holiday Party

U. S. Bancorp Tower 41st floor

Social - 5:30pm Dinner - 6:30 pm

Speakers, then Dancing to live music

*Reservations, **please** by Monday
December 11 to Jim Dufala 243-5506*

The Library Corner

Information Resources

Who, What and Where

No one library can (or wants to) own every publication printed. Limited space, staffing and book budgets see to that. However, through networks and resource sharing, most of the world's publications can be made available to anyone who has the time and/or money to borrow them.

Within the Portland metropolitan area there are many sources of information. Your own company library is the place to start. (If you don't have a company library, but would like to establish one, call 691-3965 for information on the free consultation service offered by the Oregon Chapter of the Special Libraries Association.) Your local public library's reference librarian is your resource if you do not have a company librarian.

There are many specialized computer networks that can locate a particular title, determine which library has it and request that it be borrowed. The libraries in Washington and Clackamas counties each have a system linking their city/county collections. Multnomah County is developing one. Networks such as OCLC, RLIN and WLN link the holdings of various libraries nationwide and allow borrowing from each other. Your company or public librarian can determine where to send your request.

There are several special collections and services in Portland which are available to the public, including:

BPA: Library in new BPA building, 905 N.E. 11th, 230-4171. Energy information including the old Western Sun collection of solar information dated before 1982. **Phone 230-4171.**

The Construction Library at Multnomah County: Construction related information; industry standards, military specifications, federal specifications, etc. **Phone the reference line 223-7201.**

Energy Resource Center Technical Library: Energy related materials and product literature dealing with lighting, hvac, industrial, electrical and food service. **Phone 691-3965.**

Portland State University: Our regional repository for government documents.

And various corporate libraries whose collections are available through networks for interlibrary loan agreements.


Other Sources of Interest:

Building Tech Bookstore: Construction books, code books, etc. **Phone 297-7177**

Global Engineering Documents: For quick reference to industry standards. **Phone 800-854-7179.**

— Continued from page 4 —
 tions are nearly always the problem - here is an opportunity to tangibly make a contribution to solving those problems."

*Dennis Obert, CCS
 Specification Consultant
 President-Elect,
 Portland Chapter, CSI
 Northwest Region CSI
 Education Co-Chairman*

For more information and an application, call Corwin Hymes, CDT, at 620-6617. 

Editor's Notes

As we approach the turn of this decade two memories have come vividly to mind. Anyone who watched the "Berlin Wall" being erected in 1961 can surely recall the gloom and sadness of those scenes. One year later, in Seattle, the World's Fair offered quite a different setting.

The Space Needle was an appropriate symbol of that fair. The space race was on! My favorite event was a demonstration of the Bell "Rocket Belt". We were informed then that in the not too distant future, say 1990, we would all be flying to work with these "Rocket Belts". Don't worry about the exhaust heat they said, all our clothing will be made out of asbestos.

Well, we are not flying to work (especially in Seattle!). And asbestos is going the way of the Dodo bird.

But to watch "the wall" come tumbling down is a joyous sight and a hopeful sign in this season of peace. **Happy Holidays from The Predicator.**



November Meeting



John Dalrymple, Von Duprin Inc, uses his hands to stress a point at the November meeting.

The November dinner meeting was held in conjunction with the Door and Hardware Institute.

Other speakers that night were;

Gene Stiles, Grand Metal Products,
Regional Director of DHI

Gary Wilson, Chown Inc.

Bob Richard, Oregon Builders
Hardware

Hal Elder, G.L.Simms & Associates

Five "Table Top" Displays were presented to attendees of November's meeting. Those participating were:

Hal Elder, G.L.Simms

Dave Stewart, David J. Stewart Co.

John R. Dalrymple, Von Duprin Co.

Gene Stiles, Grand Metal Products



Gathered at one of the "Table Top" Displays are, from left to right; **Robert Webb, Greg Hranac and Dave Stewart.**

Local News

New Codes, New Publications

January 1, 1990 is not only a day to celebrate the new year and the new decade, it is also the day the 1988 Uniform Building Code, as amended, becomes the rule for Oregon. The official title of this document being: The 1990 Oregon Structural Specialty Code. The Building Tech Bookstore wishes you a Happy New Year and advises that now is the time to order your copy(s).

The Oregon amendments to the UBC, IMC, UPC and UFC are in two formats:

- 1) as the complete loose-leaf edition or
- 2) as amendments only.

Note that the Oregon amendments are not available without binders! The 1986 ANSI A117.1 Handicapped Accessibility Standard is adopted by The 1990 Oregon Structural Specialty Code - if

you've been putting off the perusal of this standard, you should probably delay no longer.

Additionally, the revised edition of the handy UBC Application/Interpretation Manual is scheduled to be available soon. And, it should be noted also, the 9th edition of the Manual of Steel Construction will be the last edition - to be replaced by The Manual for Load and Resistance Factor Design.

You may have noticed that there has been no mention of the cost of these documents. They are not free. In fact, the only item on the book stores price list under \$10.00 is a set of tabs to aid in your meanderings through the pages of the various codes.

All of these and more are available from the **Building Tech Bookstore**. Call; 297-7177, write; 7177 S.W. Stephen Lane, Portland, OR, 97225 or fax; 292-0657 your orders to the store. Or call them for a free catalogue.

-- Submitted by Lee Kilbourn --

Minutes of the Board

Minutes of October 3, 1989 Board of Directors Meeting

Present: Obert, Largent, Kehrl, Davidson, Vrla, Townsend, Robertson, Cleveland.

Also Present: Kilbourn, Searl.

Absent: Shea, Burgess, Newbrook, Miller

The meeting was called to order at 12:13 pm at the AIA-CSI office. The minutes of the September meeting were approved with revisions.

Treasurers Report: Jim Davidson handed out a balance sheet for the period July through September 30, 1989, indicating a positive balance of \$8,004.94. The committees' budgets have not yet been received. Jim will look into getting an accountant to audit last years books.

Technical Documents: John Lape is splitting meetings into two groups in order to address specific projects. There is a need to outline

goals for the Technical Committee and a time schedule for submittal to the Region.

Programs: Dennis Obert wants see a "House Committee" established to handle physical arrangements for meetings; set-up, introductions, and such.

Library: Candace Robertson advises that on September 13, CSI sponsored a program on SpecText and CAD with an overview of CSI documents. \$550.00 has been budgeted for update of CSI material in the library.

Certification: Corwin Hymes is working on a write-up for certification.

Publicity: No report.

Liason: No report.

Long Range Planning: Ken Searl is setting up, on computer, a chapter operations guide.

Predicator: No report.

Hospitality: Addition to the badge box is needed, also welcome letters to new members are being sent out. New member orientations; the need was expressed to schedule an orientation meeting, possibly a breakfast or lunch meeting prior to the monthly dinner meeting. A copy of the dinner reservation list given to Lee Kilbourn and Andy Cleveland to determine new members present at meetings and member activity.

Membership: Lee advises membership is at 295.

Products Fair: A co-chairperson is needed and a date established for fair.

Other: Regional Conference

Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
228-6444

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 must be typed or clearly printed and received by the 10th of each month.

Please send articles for publication to:

12809 NE 8th Place
Vancouver, Wa. 98684

FAX (503) 223-2123

Other CSI business should be directed to:

Portland Chapter CSI,
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Portland, Oregon, 97204,
503/223-8231

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Non-Member, \$150

2 full page insert

Member, \$175

Non-Member, \$200

Call Linda Bowman
for details at 228-6444

scheduled for this spring at Seaside, needed; conference chairperson. Formal proposal before board required for Jim Dufala's compensation. Change dinner reservations phone number from Jim Dufala's to AIA office's number [continue using Mr. Dufala's number].



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The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology

Portland Chapter Monthly Newsletter



Vol. 29 No. 5

January, 1990

Modified Bitumen Sheet Roofing

An excellent panel of experts has been assembled for the January CSI meeting on Tuesday, January 9, 1990, and following day seminar from noon to 1:30 pm on Wednesday, January 10, 1990, on the subject of Modified Bitumen Sheet Roofing Products. The panel, moderated by Chairman Michael Bowles will consist of:

- Andy Cleveland of Owens / Corning Fiberglas
- Chuck Page of Western Insul-foam
- Shirley Mann of G.S. Roofing Products, Inc.
- Arnie Schmautz of Buckaroo Thermoseal, Inc.

Come hear these experts discuss:

- Why architects choose Modified Bitumen Sheet Roofing.
- What comprises this roofing system.
- How it's installed properly and problems associated with improper installation.
- Pros and cons of application from the Contractors point of view.
- Architectural aspects of this roofing system.
- Maintenance considerations from the Owner's point of view.
- Advantages and disadvantages of different systems, such as, SBS and APP.

The dinner meeting will be held at Atwater's Restaurant on the 31st floor of the US Bank Tower, 111 SW 5th. The seminar will be held at Zimmer Gunsul Frasca, 320 SW Oak, 5th floor. Reservations for either or both can be made by calling Jim Dufala at 243-5506 by Friday, January 5, 1990.

- Roy Josi -



NEXT MEETING

Tuesday, January 9, 1990

TIME

Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

COST

\$18 per person.
Guests and spouses are encouraged to attend

LOCATION

Atwater's Restaurant
31st Floor, U.S. Bank Tower
111 S.W. Fifth
Portland Oregon
Parking available in building and will be validated

RSVP

Jim Dufala at 243-5506
by noon on Friday, Jan. 5

PORTLAND CHAPTER

CSI

WHAT'S INSIDE

- Next Seminar page 2
- BS by KS page 3
- Christmas Party pages 4 & 5
- The Library Corner pages 6 & 7

Board of Director's Meeting

Minutes of
November 7,
1989.

Present: Shea, Obert, Kehrli, Davidson, Vrla, Lape, Cleveland.

Also Present: Kilbourn, Bowman.

Absent: Newbrook, Townsend, Miller, Robertson.

Meeting called to order at 12:05 pm at AIA - CSI office.

Minutes of October meeting were approved with no revisions.

Treasurers Report:

Jim Davidson handed out the balance sheet for the period ending Oct. 31. 1989 indicating a positive balance of \$ 9, 087.57.

Chapter has received a reissued check from the Institute for \$ 830.

Technical Documents:

John Lape is working with various building departments regarding subcontractor / supplier designed work and approval of these designs for permits. Also, how to adapt the "Manual of Practice" to incorporate such work.

Corwin Hymes is working on a monograph for radiation shielding.

Programs:

Dennis Obert wants to set up manufacturer's representative's share group for input from representatives.

Library: No report.

Certification: No report.

Publicity: No report.

Liason: No report.

The Predicator: No report.

Hospitality:

Orientation meeting for new members has not been set - up as yet. Need to establish a date and availability of board members to attend.

Membership: 293 as of 9/30/89.

Products Fair:

Date is Friday, April 27th. Inga Vrla is working on a flyer for the fair. Phone inquiries are being received, asking about fair.

Other:

New Chairman being sought to replace Dennis Obert for region conference. Subcommittee for promotion has been established and information flyers will be out soon.

Board has nominated Ken Searl for fellowship in CSI.

Jim Davidson requests agenda flyer be mailed out one week prior to board meeting.

Discussion of having board meeting prior to monthly dinner meeting. No decision was made.

Atwater's restaurant has approached Tom Shea requesting that our dinner meeting be held at their facilities. Cost \$18.00 / plate, question if they will include free parking.

- John Kehrli -



" THE NEW YEAR "

A flower unblown; a book unread;
A tree with fruit unharvested;
A path untrod; a house whose rooms
Lack yet the hearts divine perfumes;
A landscape whose wide border lies
In silent shade 'neath silent skies;

A wondrous fountain yet unsealed;
A casket with it's gifts concealed -
This is the Year that for you waits
Beyond tomorrows mystic gates.

Horatio Nelson Powers

Next
Seminar

WEDNESDAY,
JANUARY 10, 1990

SUBJECT:
MODIFIED BITUMEN
SHEET ROOFING

TIME:
12:00 - 1:30 PM

COST:
\$5:00 PER PERSON
INCLUDES BOX LUNCH

LOCATION:
ZIMMER GUNSUL FRASCA
320 SW OAK, 5TH FLOOR

RSVP:
JIM DUFALA, 243-5506
BY NOON FRIDAY,
JANUARY 5, 1990

BS by KS

Basic Specs by Ken Searl



*"Mediation costs
less than
Arbitration."*

Expose Yourself to Specs !

In many standard General conditions of a Contract, there is one article requiring arbitration. It generally does not however require mediation. Until the time comes that mediation is included in printed General Conditions, I suggest the following or similar to be placed in Supplementary Conditions:

PARAGRAPH 4.5 ARBITRATION

Add paragraphs 4.5.1.1 as follows:

In addition and prior to arbitration, the parties will endeavor to settle disputes by mediation under the Construction Industry Mediation Rules of the American Arbitration Association currently in effect. Mediation shall commence, unless otherwise agreed, within the same time limits stipulated in Subparagraphs 4.5.1 and 4.5.4 and Clause 4.5.4.1 for the filing notice of claim in arbitration. Such time limits shall then be extended for arbitration by ten days and the duration of the mediation process.

(From AIA Documents A571, 1987 Edition)

For those of you that are either not aware of, or need more information on mediation, let me give you a few details;

1. Mediation has a track record of approximately 70-80 percent success in solving disputes and controversies.

2. It is much quicker to get going towards a settlement and it usually takes less time to reach either a settlement or agree not to agree and then proceed with

arbitration.

3. Mediation costs less than arbitration.

4. Agreeing to mediation is not a waiver of any parties right to arbitration.

At the CSI Northwest Region Conference held in Idaho in September a discussion was given regarding the merits of mediation. If anyone out there would like a copy of the information discussed, I will be glad to forward one to you.

In the October issue of BS by KS, I mentioned there was a finish schedule and a door hardware schedule on computer disk and it could be obtained by contacting Chuck Selig.

Chuck told me a lady called him and asked how she could get a copy of this program and Chuck said bring over a disk and spend a few minutes for instructions. She replied that was a little hard to do as she was calling from Atlanta. In a day or so, he received a call from Chicago and then asked me just how far out my article and The Predicator go. Well, I they both go way out. Some wag stated he didn't know about The Predicator but my BS columns were way out. I think I have either been insulted or complimented. I think I'll choose the later.

Chuck is mailing the above people a copy of the program with written instructions. If anyone else "way-out" would like a copy send Chuck a mailer and a 5-1/4" DSDD disk and some return postage and he will send you one. You local rascals can call him and make arrangements. His address and phone follow:

Chuck Selig

Selig /Lee /Rueda Architects

213 SW Ash Street

Portland, Oregon 97204 (503) 224-0173

No I'm not Chuck's publicity agent.

*Ken Searl is a Spec Writer for WEGroup
Architect in Eugene and Portland*

*" A New Years gift to the world,"
said the Frost, " rich lace curtains,
which nothing cost."*

Charles Godfrey Leland

CHRISTMAS PARTY

♪
ON THE FIRST DAY OF
CHRISTMAS CSI GAVE
TO ME... ♪



Tom Shea and a Christmas tree.

ON THE SECOND DAY OF CHRISTMAS CSI
GAVE TO ME...



Dennis and Sandra Obert,
and Tom Shea and a Christmas tree.

ON THE THIRD DAY OF CHRISTMAS
CSI GAVE TO ME...



Three Musketeers...

Bruce Townsend, Linda Bowman, John Lape,
Dennis and Sandra Obert,
and Tom Shea and a Christmas tree.

ON THE FOURTH DAY OF
CHRISTMAS CSI GAVE TO ME...



Magrit Gehne's Humor, Steve Koyen's Choices,
Dennis and Sandra Obert,
Three Musketeers,
and Tom Shea and a Christmas tree.



ON THE FIFTH DAY OF CHRISTMAS CSI GAVE TO ME...



Lee and Perky Kilbourn,

Magrit Gehne's Humor,
Steve Koyen 's Choices,

Three Musketeers,

Dennis and Sandra Obert,

and Tom Shea and a
Christmas tree.



Join the Clique

RUMOR has it that our group is run by a CLIQUE. Careful investigation shows that this is TRUE. Furthermore, you will find that the Clique is composed of faithful members who are present at almost every meeting, who do all the work, who give willingly of their time, energies and efforts and who sincerely believe that the more one puts into their affiliation with the organization, the more they will get out of it.

There is no question that the enthusiasm, responsibility and efforts of those members are of inestimable value to the membership and the organization. And it is suggested, therefore, that you join this clique. It is very easy. Begin by attending meetings regularly; take a lively interest in its activities; accept responsibilities at meetings and in committees. Show a continuing interest in all affairs pertaining to our group's activities. Before you realize it you will become a member of a clique; and you would be surprised to know how anxious they are to have you.

**DON'T CRITICIZE THE
CLIQUE - JOIN IT!**

— Adapted [by Lee Killbourn, ZGF] from a story in the Oregon Federation News - published by the Oregon Federation of Square and Round Dance Clubs (for "meetings" read "dances and for "group" read "club").

ON THE SIXTH DAY OF CHRISTMAS CSI GAVE TO ME...



Lots of people Dancing ,

Lee and Perky Kilbourn,

Magrit Gehne's Humor, Steve Koyen's Choices,

Three Musketeers,

Dennis and Sandra Obert,

Tom Shea and Christmas tree,

AND A GOOD TIME WAS HAD BY ALL!

Local News

PLUMBING AND ELECTRICAL SYMPOSIUM AND SHOW

Want to learn more about residential and commercial lighting fixtures, electrical fixtures, plumbing fixtures, security systems, electronic plumbing controls, pipes, and wire by "touching and feeling" as well as hearing from and talking individually to some good manufacturer reps? Well here's your chance to do it in a relaxed atmosphere. Each of 10 plumbing and electrical manufacturer reps will have a display set up and will talk for about 20 minutes each on their new products at this CSI sponsored symposium and show. The "icing on the cake" is a free buffet and complimentary drinks.

Details are:

Where: ICR
239 NW 13th
Portland, Or.

When: Tuesday, January 23,
1990. 5:00 - 10:00 PM

Cost: FREE!

For reservations, please call Jim Dufala at 243 - 5506 by noon on Friday, January 19, 1990. Reservations are required.

SEMINAR

• Title: MEDIATION

• What: Seminar on Mediation, utilizing a distinguished panel of nationally known experts.

• When: Wednesday, February 21, 1990 1:30 pm - 5:00 pm.

• Where: The new Howard Johnson Plaza - Hotel (on Interstate 5 at the Route 217 / Kruse Way exit).

• Who: Tony Piazza - nationally recognized mediator from San Francisco.

Judge Kristina LaMar - designer of the judicial mediation program used as national model.

Monte Haynes - Vice President of Construction general contractor, Westwood Corporation.

Art Tarlow - Portland attorney specializing in construction contracting, disputes, mediation, arbitration, and litigation.

• Subjects addressed: What is mediation?

Are the results binding?

Can mediation resolve large, complex disputes?

How can my company benefit

from mediation?

Who can mediate disputes?

How successful has mediation been in the past?

Lots of time for questions.


• Cost: \$ 35.00

For more information contact:

Tom Picciano
Bolliger, Hampton & Tarlow
641 - 1717

LIBRARY CORNER

National Marketing and the Energy Resource Center Library have purchased a videotape from the National Roofing Contracting Association: Roof Insulation and Energy Payback. The program covers the properties of roof insulation, types of insulation, application and design considerations. A case study is demonstrated using calculations from the 1989 revised edition of the NRCA Energy Manual which is also available in the library. Visit the ERC or phone 691-3965. to use these materials.

-Inga Vrla- 

Just the Fax
-At your Library-

When you need information in a hurry, the "fax" machine may be your best bet and most libraries now offer some sort of facsimile services.

The Library Corner

Your own company library is the starting place. Your librarian can locate information and possibly have it "faxed" to from the available source. If you have no company librarian, your local public library's reference librarian is a vital link. The librarian will know how to find out who has the item you need and who answers interlibrary loan requests cheaply and promptly. Yes, there is sometimes a charge for information, especially if it involves a clerk's time to photocopy / fax it.

As for items in the Construction Library, Polly Westover tells me that Multnomah County Library does not fax at this time. They have a fax machine but do not have the staffing to provide this service to patrons. (You may wish to keep this in mind when you vote on the next library levy: more money = more services; less money = well, you know).

If you are a Washington County resident or business, your taxes support Washington County Cooperative Library Services which maintain a reference librar-

ian at Multnomah County Library (MCL) to access its resources for Washington County residents. So if you contact your public library's reference librarian at Tigard, Beaverton, Hillsboro, etc., he or she can pass your request to their link at MCL and the information (including that in the Construction Library) can be faxed to you. Begin by contacting your local public library's reference librarian.

The Energy Resource Center (ERC) has a fax and will also send specific manufacturer's literature or library materials upon request. Just call the center librarian at 691 - 3965.

There are standards and publications which will be sent to you directly via fax. ASTM offers this service. Other organizations accept orders on a PO via fax which can cut down your order time if mailing to the east coast.

While the fax machine is a lifesaver, it is not for every request. You might find even more useful information by visiting the ERC Technical Library or MCL's Construction Library and doing some research or browsing. As the reciever of "faxed" information, you are paying for the expensive fax paper, so keep it brief. If you need a 300 page document, a visit to the library to scan only the most relevant sections is in order. If it's an item that you reference frequently, then you probably need to buy your own copy. Your librarian can also help you with ordering information.

- Bette Stewart -

Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
228-6444

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 must be typed or clearly printed and received by the 10th of each month.

Please send articles for publication to:

12809 NE 8th Place
Vancouver, Wa. 98684

FAX (503) 223-2123

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215 SW First Avenue
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Call Linda Bowman
for details at 228-6444

Notice!

CSI will be providing the January 10th program for AIA's Intern Development Program (IDP) workshop from 5:30 - 6:30. If you would like to participate in this excellent opportunity to influence junior architects, please call Dennis Obert at 245 - 7802.



Portland Chapter Leaders, 1989-1990

President-Tom Shea	760-6433
President-Elect- Dennis Obert	245-7802
1988-89 President- Inga Vrla	635-6227
Secretary-John Kehrli	644-7102
Treasurer-Jim Davidson	226-3508
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Andy Cleveland, Ind. '91	620-1014
Steve Miller, Ind. '90	286-2228
Arden Newbrook, Prof. '90	222-4470
Candace Robertson, Prof. '91	222-3753

Committee Leaders

Awards-Linda Bowman	228-6444
By-Laws- Paul Wilson, CCS	635-3618
Certification- Corwin Hymes	620-6617
Editors- Kevin Martin	255-5122
Gunnar Forland	223-9318
Education- Jim Dufala	243-5506
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Liaison-Dick Burgess	226-2921
Library- Alten Hooten	248-9636
Long Range Planning- Don Eggleston	228-6444
Membership- Lee Kilbourn, FCSI, CCS	224-3860
Nominations- Curtis Finch	636-9270
Products Fair- Arnie Wake	252-1812
Programs-Mike Bowles	234-4321
Publicity-Roy Josi	691-3944
Technical Documents- John Lape, CCS	243-2837

Region Responsibilities

Region Publications- Ken Searl	223-1181
Region Education- Dennis Obert	245-7802

Region Directors

Les Seeley
DEL Distributing
P.O. Box 6157
Vancouver, WA 98668
(503) 287-7135 or (206) 254-2049

James M. Robertson, FCSI, CCS
Robertson/Sherwood/Architects
96 East Broadway, Suite 6
Eugene, Oregon 97401
(503) 342-8077

Institute Responsibilities

Technical Documents Committee- Bob Klas	644-4222
--	----------

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$20, total investment \$150. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn, FCSI, 215 SW First Avenue, Portland, Oregon, 97204.

The Predicator

215 SW First Avenue
Portland, Oregon 97204

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The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology

Portland Chapter Monthly Newsletter



Vol. 29 No. 5

February, 1990

ARCHITECTURAL SHEET METAL

Our February meeting on **Tuesday, February 13, 1990** and following day seminar on **Wednesday, February 14, 1990** from noon to 1:30 pm, will feature members of SMACNA, the Sheet Metal and Air Conditioning Contractors National Association. This excellent panel will be speaking on architectural sheet metal, which includes louvers, roof ventilators, wall coping and roofing sheet metal.

Come hear the local SMACNA Director, **Bob Blake**, and other panel members clarify and discuss such things as:

- Where to use pre-painted stainless steel, prime-painted sheet metal or aluminum.
- How to select gauges and how that selection affects costs and

fabrication.

- Issues relating to quality control.

Since most of this work is field assembled, quality control is a difficult issue for a specifier, especially because of the "low bidder syndrome". We'll learn how to better watch for quality assembly in the field.

- What SMACNA documents exist on this topic and how to use and reference them.

Come join us for the **dinner meeting at Atwater's Restaurant on the 41st floor of the U.S. Bank Tower, 111 S. W. Fifth Avenue.** The following day's seminar will be held at **Zimmer, Gunsul, Frasca Partnership, 320 S. W. Oak Street on the fifth floor.** Reservations for either, or both, can be made by calling Jim Dufala at 243-5506 by Friday, February 9, 1990.

-- More on Page 6 --

NEXT MEETING

DATE
Tuesday,
February 13, 1990

TIME
Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

COST
\$18 per person.
Guests and spouses are
encouraged to attend.

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

RSVP
Jim Dufala at 243-5506
by noon on Friday,
February 9

PORTLAND CHAPTER

CSI

WHAT'S INSIDE

- BS by KS page 3
- January Report page 5

Northwest Region News

TEAM UP FOR SUCCESS

The 1990 CSI Northwest Region Conference will be held Thursday through Saturday, September 27 through September 29, 1990. The conference will be held at Shilo Inn in beautiful Seaside, Oregon.

Recreation and Fun

The northern coast of Oregon is a unique recreational playground. Cradled between the wooded foothills of the Coast Range and the vast Pacific Ocean, the area offers an abundance of diverse and entertaining recreational opportunities, limited only by your interests and imagination.

This years conference will offer golfing, sailboarding, surfing, volleyball tournaments, sandcastle building, beachcombing and shopping - something for everyone in your family. (The kite flying in Seaside is world-class.)

You won't want to miss such sightseeing opportunities as the shipwreck "Peter Iredale", the Lewis & Clark Salt Cairn, the beautiful city of Cannon Beach, the Astor Column in Astoria, the Tillamook Cheese Factory, the Seaside Aquarium and the action packed promenade with bumper-



cars and other carnival treasures. The list goes on and on.

Educational Opportunities

The **Conference Roundtable Discussions** will be How to Work in Committees and Achieve Goals, What Architects Want from a Manufacturer's Representative, Submittals: The Do's and Don'ts, and Alternates: When to Use Them, When Not to Use Them.

Educational Seminar topics will be Selling to Design Professionals, How to Succeed with Your Own Business in Japan, Construction Law and Business Ethics.

Keynote Speakers will update us on subjects such as Teaming Up for Success, The Economic Forecast for the Northwest and Crime Prevention. You won't want to miss any of these great subjects.

Accommodations

The beautiful Shilo Inn at Seaside is a full-service resort-hotel. Their oceanside dining is unsurpassed, with a variety of Continental and American cuisine and of course fresh seafood is served daily.

The Shilo Inn offers deluxe accommodations with ocean-view units, some with fireplaces and full kitchens and adjoining rooms.

Family recreation is offered in the form of the large indoor swimming pool, the therapy pool, steam room, sauna and the exercise rooms which overlook the blue Pacific.

Plan now for an unforgettable weekend at the northern Oregon coast, September 27 through 29, 1990.

(Watch for more information in The Predicator on hotel and conference registration in the coming months.)

-- Linda Bowman --

BS by KS

Basic Specs by Ken Searl



Expose Yourself to Specs !

In the local newspaper I noted the following "B.C." comic strip and the wording seems to apply to some specification writers, including me at times:

He who masters rhetoric,
serves ego to a fault.

He feeds on gullibility
and leads his prey about.

Beware of those who use their prose
in devious endeavor.

For if they knew of simple truths,
they need not wax so clever.

It is believed the "B.C." comic strip is an early form of "BS by KS". It points out nothing is new in this world.

In one's endeavor to not only improve specifications but to keep them updated, one should keep in touch by experience, read trade articles and talk to contractors, subcontractors and manufacturer's representatives. One should also send a sample copy of a current specification to both a factory rep and an installer or two and get their written comments. Believe me, one can learn a lot this way.

Now let's talk about driving. Driving isn't exactly

a CSI topic but one does have to go to work and for a lot of us that involves driving. Recently I completed a 2-day course sponsored by AARP titled "55 Alive". Yes, I am 55 (or older). In fact, I was given the title of reigning "Fuddy-Duddy" at the CSI Northwest Region conference held in Idaho this September. This must mean I am 55 (or older).

It seems that the greatest faults of the drivers 55 and over are failure to yield right-of-way and making improper left turns. By the way, going too slow is down near the bottom of the list. Completion of this course in Oregon and many other states entitles one to a 5% discount on auto insurance rates. This is nice, but the greatest thing I discovered in the classes was open discussions regarding driving habits and what to look out for. It appears just getting in a group and talking about various driving procedures, local happenings and driving habits makes one more aware, and believe me, awareness is the key to survival on the highways.

One of the most important items is to always connect your seat belt before you start driving. Many lives are saved with seat belts in place. Anyone driving an auto sans seat belts connected is being very foolish.

If you wonder why I am pushing seat belts, let me tell you about the time I was in an accident involving 7 cars and a fully loaded 18 wheeler. During the crash my head hit the top of the steering wheel and bent it downward several inches - the steering wheel that is, not my head. Believe me, if my seat belt had not been fastened I would have gone right through the windshield.

So, you folks out there, take some time and sign up for the above mentioned class or other driving classes and brush up on your driving techniques, including awareness. If you can't or won't go to a class at least buckle up and think awareness.



-- Ken Searl is a Specification Writer for
Wegroup Architects and commutes
between Salem and Portland daily --

January Dinner Meeting

Bitumen Roofing: Chemists With Hot Mops

January's CSI Dinner Meeting, held at Atwaters, discussed the pros of modified bitumen roofing systems. The four speakers represented insulators, contractors and manufacturers of the two different types of modified bitumen roofing.

Chuck Page of Western Insul-foam started the meeting with a discussion of the various types of insulation board. There are eight classes of rigid roof insulation boards:

- Expanded polystyrene (EPS)
- Extruded polystyrene (XEPS)
- Glass fiber



Ray Totten



New members Greg Hughes, Kevin Stewart and guest Kay Burney

- Cellular glass
- Phenolic
- Fibreboard
- Perlite
- Polyisocyanurate

Chuck then explained the selection criteria for picking the various types of insulation board. Most installed systems are actually a combination of several types of insulation boards. In addition, most installations require a covering with a protection board for use in the modified bitumen systems. Chuck also mentioned the four different types of thermal values which are:

- Thermal conductance.....
- ...K value
- Thermal conductivity.....
- ...C value
- Thermal resistance.....
- ...R value
- Overall coefficient of thermal transmission.....
- ...U value

Shirly Mann of G. S. Roofing Products, Inc. and **Andy Cleveland of Owens/Corning Fiber-**

glas then discussed modified bitumen roofing systems. Most modified bitumens fall into two categories. The first is SBS or Styrene-Butadiene-Styrene, and the second is APP or Atactic Polypropylene. In general, SBS systems are hot mop applied and APP systems are torch applied. Modified bitumen systems usually include a base ply and then the modified bitumen ply. In addi-



Bob Widing and Scott Dennis

tion, modified bitumen generally requires a UV [ultraviolet] protective covering of either rock, cap sheet or other coating.

Modified bitumen is an asphalt that has been modified with either a plasticizer or rubber and then manufactured in the plant with a reinforcing felt of either polyester or fiberglass mats and scrim. Many of the manufacturers on the market use a combination of these two mats. The waterproofing sheet then is actually made in the manufacturer's plant and the roofer is only adhering it to the roof.

Both SBS and APP systems are fully adhered installations. As with many systems in our industry, the installer is critical to the performance of modified bitumen roofing.

All of the speakers strongly urged the use of approved roofing contractors for the installation of the various roofing systems. **Arnie Schmautz of Buckaroo Thermaseal, Inc.** then closed the meeting with a discussion of modified bitumen roofing from the contractor's viewpoint. Arnie showed slides from various modified bitumen roofing and tapered insulation installations. He joked that Buckaroo now hires chemists for roofers. With terms like "equiviscous temperature" and "polyisocyanurate", it is easy to see why!



-- John Lape, CCS
John Lape Architecture --

SPECIAL NOTICE
Please note the correct phone number for the mediation seminar.
January's edition carried an incorrect number.
We regret any inconvenience this may have caused.

MEDIATION
SEMINAR

- **What:** Seminar on Mediation utilizing a distinguished panel of nationally known experts.
- **When:** Wednesday, February 21, 1990, 1:30 pm - 5:00 pm.
- **Where:** The new Howard Johnson Plaza-Hotel, on Interstate 5 at Route 217-Kruse Way exit.
- **Who:** Tony Piazza - nationally recognized mediator from San Francisco.
Judge Kristena La Mar - designer of the judicial mediation program used as a national model.
Monte Haynes - Vice-President of Construction for Westwood Corporation, a general contractor.
Art Tarlow - Portland attorney specializing in construction contracting, disputes, mediation, arbitration and litigation.
- **Subjects addressed:**
 - What is mediation?
 - Are the results binding?
 - Can mediation resolve large, complex disputes?

- How can my company benefit from mediation?
- Who can mediate disputes?
- How successful has mediation been in the past?
- Lots of time for questions.

• **Cost:** \$ 35.00

For more information contact:
Tom Picciano, Bolliger, Hampton & Tarlow

(503) 641 - 7171

Portland Chapter,
CSI

**NEXT
SEMINAR:**

SUBJECT:
Architectural
Sheet Metal

LOCATION:
Zimmer-Gunsul-Frasca
320 S.W. Oak St.
Fifth Floor

TIME:
Noon - 1:30 pm
COST
\$5.00 -Includes
Box Lunch

RSVP
Jim Dufala by Friday,
February 9
243-5506

Chapter News

FEBRUARY SPEAKERS

The roster of speakers for our February meetings is truly impressive. Here is an opportunity to acquaint yourself with them.

Doug McQuown is President and 50% owner of **Arctic Sheet Metal, Inc.**, which he helped found thirteen years ago. Before joining with Darrell Burt, Doug worked for Streimer Sheet Metal Works for twelve years. Doug was raised and educated in Portland, where he also served his apprenticeship. He is a member of the High Pressure Duct Committee and represents the Columbia Chapter of SMACNA at the national level. Doug is a very active member of the sheet metal industry, with a positive, progressive attitude towards the industry.

Fred Streimer is Secretary-Treasurer of **Streimer Sheet Metal Works, Inc.**, which was founded by his father in 1948. Fred graduated from the University of Oregon 23 years ago and immediately went to work in the family business. His primary responsibilities are industrial and architectural

-- Continued on Page 7 --

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Call Linda Bowman
for details at 228-6444

February Symposium**Siding, Roofing and Sheathing**

Want to learn more about siding, roofing and sheathing by seeing manufacturers' displays as well as being able to talk to the manufacturers face to face?

Well, here is your chance to accomplish this in a relaxed atmosphere. Several siding, roofing and sheathing manufacturers' reps will each have a display set up and will each talk for about 30 minutes on their new products at this CSI sponsored symposium. You will have a chance to establish a one-on-one dialogue with them as well. The "icing on the cake" is a free buffet and complimentary drinks provided for this informative symposium.

WHERE:

The Energy Resource Center
7895 S.W. Mohawk
Tualatin, OR

WHEN:

Tuesday, February 27, 1990
5:00 pm - 10:00 pm

COST:

FREE with advance reservation

For reservations please call Jim Dufala at 243-5506 by noon Friday, February 23, 1990.

Reservations are required.



Chapter News

-- continued from page 6 --

sales, administration, and corporate finance. He and his wife have a son 19 years old and two daughters, 17 and 12 years old.

Hal McBride is one of the Columbia Chapter's most active members. Hal is General Manager of **McBride Sheet Metal, Inc.**, which he founded in 1988 after 34 years with General Sheet Metal, Inc. He started with General as an apprentice in 1952 and worked his way to part owner of the company. He is a past president of the Columbia Chapter, former Chairperson of the Apprentice Committee, chapter delegate to the National Convention, and serves on the national SMACNA Fiberglass Committee. He and his wife have three children, a daughter and two sons - both of whom work with him in McBride Sheet Metal.

Bob Maddy, the Chapter's Secretary-Treasurer, has been an executive in the sheet metal industry for close to three decades. For the past eight years he has served as General Manager of **General Sheet Metal Works, Inc.** and as Treasurer of the corporation. Before joining General, Bob was the manager of the mechanical division of Arrow Heating Company for 19 years. Bob is an active member of the Columbia Chapter. Bob is married, has three children and two grandchildren.

Robert Blake, Executive Director of Columbia Chapter, SMACNA, is the former presi-

dent and owner of Vancouver Roofing and Sheet Metal, positions he held for 28 years. The local chapter is composed of 30 sheet metal contracting firms located in Western Oregon and Southwestern Washington. As one of the founders of the Columbia Chapter, Robert Blake has served as an officer, Director, Trustee for the Pension and Health & Welfare trusts, and as a member of the Labor Negotiations Committees for both the Sheet Metal and Roofing Associations. He has also served five years as President of the Oregon Roofing Contractors' Association. Robert Blake is married and has two daughters.

Dave Becker will join Doug McQuown, Robert Blake and Hal McBride for the dinner meeting, Tuesday, February 13. The lunch-time seminar will be conducted by Fred Streimer, Bob Maddy, McBride and McQuown.

-- Roy Josi,
Publicity Chairman --



Editorial Staff

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Gunnar Forland
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503/223-8231

NEXT MONTH;

Interview with Curtis Finch, Architect, Past President Portland Chapter CSI

Minutes of January meeting

Minutes of February Meeting

Message from the President

Portland Chapter Leaders, 1989-1990

President-Tom Shea	760-6433
President-Elect- Dennis Obert, CCS	245-7802
1988-89 President- Inga Vrla	635-6227
Secretary-John Kehrli	644-7102
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Long Range Planning- Don Eggleston	228-6444
Membership- Lee Kilbourn, FCSI, CCS	224-3860
Nominations- Curtis Finch	636-9270
Products Fair- Arnie Wake	252-1812
Programs-Mike Bowles	234-4321
Publicity-Roy Josi	691-3944
Technical Documents- John Lape, CCS	243-2837

Region Responsibilities

Region Publications- Ken Searl	223-1181
Region Education- Dennis Obert	245-7802

Region Directors

Les Seeley
DEL Distributing
P.O. Box 6157
Vancouver, WA 98668
(503) 287-7135 or (206) 254-2049

James M. Robertson, FCSI, CCS
Robertson/Sherwood/Architects
96 East Broadway, Suite 6
Eugene, Oregon 97401
(503) 342-8077

Institute Responsibilities

Technical Documents Committee- Bob Klas	644-4222
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Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$20, total investment \$150. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn, FCSI, 215 SW First Avenue, Portland, Oregon, 97204.

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The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology

Portland Chapter Monthly Newsletter



Vol. 29 No. 5

March, 1990

CLEAR SEALERS (and masonry)

CLEAR SEALERS

Our March meeting on Tuesday, March 13, 1990 and following day seminar on March 14 will feature a panel of CSI members; **David Corbett of Corbett Inc., John Lamb of Western Architectural Products, and Gene Andrews of Thoro System Products.** This knowledgeable panel will be speaking on the controversial subject of clear sealers. Some of the issues they discuss include:

What clear sealers are and where they come from.

What to look for when using clear sealers on brick.

Potential problems with clear sealers and the results of recent litigation.

A slide presentation illustrating

potential problems.

The difference between "water repellency" and "water proofing".

How to improve specifications on clear sealers, including how to get "good", "better", and "best" results.

Come join us for the **dinner meeting at Atwaters Restaurant** on the 41st floor of the US bank Tower, 111 SW 5th. The following day seminar will be held at **Zimmer Gunsul Frasca, 320 SW Oak Street on the 5th floor** from noon to 1:30 pm. Reservations for either - or both, can be made by calling **Trasi Hogenhout at the Daily Journal of Commerce Plan Center, 274-0624 by Friday, March 9.**

—Roy Josi—

NEXT MEETING

NEW DATE

Tuesday,
March 13, 1990

TIME

Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

COST

\$18 per person.
Guests and spouses are encouraged to attend.

NEW LOCATION

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

RSVP

Trasi Hogenhout at 274-0624

.....
by noon on Friday,
February 9

PORTLAND CHAPTER

CSI

WHAT'S INSIDE

- BS by KS page 3
- President's Message page 4
- Interview page 6

Board Report

MINUTES: BOARD OF DIRECTORS MEETING - DECEMBER 5

Present: Tom Shea, Dennis Obert, John Lape, Bruce Townsend, Candace Robertson, Steve Miller and Margie Largent.

Absent: Kehrli (excused), Vrla (excused), Newbrook (excused), Cleveland.

The meeting was called to order at 12:05 pm.

Treasurer's Report:

Jim Davidson handed out the balance sheet for period ending November 30, 1990. The balance being \$9,468.83, moved (Lape, Townsend) and was approved.

Committees:

Technical, Lape; Working with city on "design build", considering application to Institute for spec guide on radiation shielding.

Archives; No report.

Education, Obert; Meeting next week at noon, Wednesday, at Jim Dufala's office. Jim wants to do a "mini" products show. Obert has Northwest Region

Education Committee report which indicates that Portland is doing quite well.

Programs, Obert; Mike Bowles Requested assistance for January program on modified bitumen roofing. February program to be on sheet metal.

Library, Robertson; Mary Alice Hutchins attended the meeting last month [November]. John Baker will be doing a library workshop on legal concerns in specifications.

Certification, Robertson; Corwin Hymes has 8 people signed up for exam next spring [April, 1990].

Long Range Planning, Miller; Discussion of Atwater's Restaurant as new locale for monthly dinner meetings and their accommodating attitude.

The Predicator; Some have received their December issue.

Products Fair, Shea; Program is on schedule, thanks in part to flyers. Gordon Van Antwerp will act as the Products Fair treasurer. Date; April 26, 1990. Place; The Red Lion, Lloyd Center.

Old Business:

Dennis Obert will officially resign as chairperson of the Region Con-

FLOORING MATERIALS SHOW AND SYMPOSIUM

Want to learn more about flooring materials; carpets, pads, vinyl, tile, sub-flooring, counter tops, hardwood, mastics and grouts by "touching and feeling" as well as hearing from and talking with well-versed manufacturer's reps? Well, here is your chance!

Several flooring material manufacturer's representatives will have displays set up. Each will talk about their new products for about 20 minutes. The atmosphere is relaxed and you will have plenty of time to talk to these reps one-on-one. The "icing on the cake" is a free buffet and complimentary drinks. This symposium and show are sponsored by CSI and ICR.

When:

Tuesday, March 27, 1990
5:00 to 9:00 pm.

Where:

Sound Floor Coverings, Inc.
500 N Basin
Portland, OR

Cost:

FREE

Reservations are required.

For reservations please call **Jim Dufala at 243-5506, by noon Friday, March 23, 1990.**

--continued on page 5--

BS by KS

Basic Specs by Ken Searl



Expose Yourself to Specs !

At the Portland CSI Chapter luncheon/seminar of January 1990, our program was on membrane roofing and roof insulation. One question was raised with regard to molded expanded polystyrene (EPS); "How do I know I am getting the density specified?" I have long wondered just how I got the density I specified. Chuck Page of Western Insulfoam sent out a letter giving some good information on the subject.

Chuck stated that the density of EPS, like other rigid insulation, is difficult to assess without a declaration of such on the product itself. He suggests that your EPS specification be based on ASTM C578, Standard Specification for Preformed, Cellular Polystyrene Thermal Insulation. Within this ASTM Standard, Types XI (3/4 pcf), I (1 pcf), VII (1-1/4 pcf), and IX (2 pcf) are Molded Expanded Polystyrene - EPS. Type XI (3/4 pcf) is not generally employed in roofing systems.

Specifications could also address a quality control standard such as UL Class A, B or C. Submittal requirements could include, along with the usual literature and samples, a letter or statement of ability by the EPS manufacturer to meet above standards.

Some manufacturers identify their insulation quality by marking each piece with type and UL certificate, including certificate number. Also, other information such as plant identification, etc., is usually listed. One should also be able to obtain a copy of the UL-AFM certificate from the roofing

contractor.

Over the years I have had difficulty identifying what density was actually delivered to job site. It is hoped the above information will help us in the future.

For those of you that are able to attend the Portland CSI Chapter noon seminars on a variety of subjects, I certainly recommend it. And where else can you get a lunch and a seminar all for \$5.00. One does not need to be a CSI member to attend these seminars.

As this issue went to press it was announced that Ken Searl was accepted as a Fellow in CSI and will be installed in June
CONGRATULATIONS
KEN SEARL

Recently, at a prebid conference held on site with attendance mandatory, it was noted that of the eight prime contractors in attendance, seven of them had FAX machines at their business offices. Now this indicates to me that FAX machines are a necessary item for a contractor. Sometime ago, in our contract documents, we called for FAX machines as well as a telephones in the construction offices at job sites. This is for medium to large projects. Now it appears we may also require that all prime or general contractors have a FAX machine in their business office. It also appears this will not be a burden, because most prime contractors already have one. One larger supplier I know has both an incoming and an outgoing FAX. How about that! I would like to install one at my house but I just can't convince myself that it is a necessary home item. However, I am working on it.

One final item, the Promethium Chapter of Iota Sigma Pi, National Honor Society for Women in Chemistry, has published a book titled; "Cartoon

--continued on page 7--

CALENDAR OF UPCOMING EVENTS

Portland Chapter, CSI



March 13 - Dinner Meeting
Topic: Clear Sealers

March 14 - Box Lunch Seminar
Topic: Clear Sealers

**March 15 - Willamette Valley
Chapter, CSI
Products Fair
(Info. - Brian Lighthart, 503-
683-6400)**

March 27 - Symposium
Topic: Flooring
Buffet

April 10 - Dinner Meeting
Topic: TBA

April 11 - Box Lunch Seminar
Topic: TBA

April 26 - Products Fair

**April 27, 28 - Leadership
Conference**

May 8 - Dinner Meeting
Topic: Skylights

May 9 - Box Lunch Seminar
Topic: Skylights

June 12 - Dinner Meeting
Awards Banquet



Message from the President



Tom Shea

Welcome to March!

March in the Northwest is known to most people as the month when the sun is still shining when they get home from the office at 6:00 pm. Mild air temperatures make working and playing outdoors more enjoyable. March means I can expect to have a CSI dinner meeting without the threat of snow. March to the Portland Chapter CSI leaders is crunch time for the hard working volunteers who are leaders of committee work on the CSI Products Fair, Leadership Conference, Regional Conference, and Nominating Committee.

This brings me to an important point. The Portland Chapter of CSI is a volunteer organization and is dependent on trained and experienced volunteers to produce successful programs. The volunteer leaders of this Chapter have made an effort to increase the quality and quantity of the Chapter

Programs and many new members have benefited from the increased activity. However, now is crunch time! The heaviest part of the CSI schedule starts in April.

If we are going to continue to grow in membership and in the quality of our technical programs, we need a successful Products Fair to fund the programs. And we need a successful leadership conference to provide trained new leaders to organize the increased quantity of the Chapter sponsored programs. Next year's program will be funded in part from this years Products Fair and next years committees will be led by volunteers trained at this years Leadership Conference. The Products Fair and the Leadership Conference are both on the same week in April; the **Products Fair, April 26** and the **Leadership Conference, April 27 and 28, 1990**. [This month Industry Members will be receiving an Invitation to Exhibit at the show. If you do not receive one and are interested, please call Gordon Van Antwerp, 642-4899]

Mark your calendar and plan to participate. These events not only help the Portland Chapter, they will help you in your business, no matter what you do in the Construction Industry.



—D.O.—

April prepares her green
traffic light and the
world thinks Go.

--H.L.Menken--

Board Report

--continued from page 2--

ference Committee next week. Jim Hirte is our new chairperson.

New business:

Ian Murphy presented a statement which will appear in "The Predicator" regarding Darnette Page, daughter of Chuck Page, chapter member and supporter of the chapter through his efforts with the products shows and other events. We want do something now for Chuck and Darnette - watch for "The Predicator".

Appointed (volunteer) to Leadership Training Committee Chair: Ian Murphy.

—Reported by Margie Largent for John Kehrl, Secretary—



Letter to the Editor

SPECIAL: LETTER TO THE EDITOR, THE PREDICATOR

Attention All Members!

Most chapter members know Chuck Page of Western Insulfoam and are familiar with his many years of service to the Portland Chapter of CSI. His many contributions have included work on chapter product fairs and special programs.

This summer, Chuck's daughter, Darnette, was seriously injured in a car accident. As a result of her injuries, she is paralyzed from the chest down. She is fortunate to have retained the use of her arms and partial use of her hands.

Despite the seriousness of her situation, Darnette's spirits are up and she has her eyes on the future.

With the help of family, friends and church the family has been able to help Darnette to begin to adjust to her new situation. Alterations to the Page home are nearly complete, and Darnette is beginning to get settled in and to start her occupational therapy.

Amongst CSI members there have been many spontaneous expressions of sympathy for Dar-

nette. It has been suggested that individual members may like to make some scholarship contribution. A voluntary scholarship fund is being set up. Those interested in contributing may send their donations to the CSI office, to the attention of the Chapter Treasurer.

Ian Murphy,
Western Allied Systems, Inc.

**Portland Chapter,
CSI**

NEXT SEMINAR:

SUBJECT:
CLEAR SEALERS

DATE:
WEDNESDAY, MARCH 14,
1990

TIME:
NOON - 1:30 PM

COST:
\$5.00 PER PERSON
INCLUDES BOX LUNCH

LOCATION:
ZIMMER GUNSUL FRASCA
320 SW OAK ST., 5TH FLOOR
PORTLAND, OR

R.S.V.P.:
TRASI HOGENHOUT AT
274-0624
BY NOON FRIDAY, MARCH 9

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**Call Linda Bowman
for details at 228-6444**

Board Report

Minutes of January 2, 1990, Board of Directors Meeting

Present: Tom Shea, Dennis Obert, Steve Miller, Jim Davidson, John Kehrli - no quorum.

Absent: Largent, Vrla, Lape, Newbrook, Townsend, Robertson, Cleveland.

The meeting was called to order at 12:15 pm.

Minutes of 12-5-89 meeting were not approved due to the lack of a quorum.

Treasurer's Report:

Jim Davidson advises we have \$300.00 in the bank and approximately \$8,800.00 at Columbia Daily.

Committee Reports:

Technical; No report

Archives; No report

Education; The Leadership Conference is scheduled for April 28th and 29th at Sunnyside Inn, Clackamas.

Programs, Obert; Dennis advises the board of the following changes in upcoming programs:

January - Bitumen Roofing, February - Architectural Sheet Metal, March - Cleaning and Restoring Masonry [Damp-Proofing Masonry], April - to be determined [tentative rescheduling of February topic], May - Rafter Framed Skylights. There is a need for a chairperson to head up programs for next year.

Library; No report.

Certification; No report.

Publicity; No report.

Long Range Planning; The Chapter needs to work on getting additional people trained to assume positions in the Chapter.

The Predicator; No report.

Products Fair; Chairperson is needed for next year. Possibility of a paid, permanent, products fair chairperson to run the the fair year after year was discussed.

Old Business:

None.

New Business:

Steve Koyen (December, 1989, dinner meeting speaker) of Professional Development Corp., has approached the Chapter with the interest of sponsoring a seminar - Foundations of Excellence.

—John Kehrli, Secretary—

Member Interview

CURTIS FINCH: THE INTERVIEW

The following is an interview of Curtis Finch, FAIA, CSI, as conducted by Dick Gira, CDT, on December 22, 1989. The topic was the Northwest Region Conference to be held September 27-29, 1990.

Dick: Curt, why would you attend Region Conferences? Are there any benefits to you as an architect?

Curtis: The main function of a conference is to learn more about specifications—those professional aspects that CSI deals with, secondly, the CSI business, and thirdly, the social aspects. The social aspects have more influence on why people go to conferences than anything else. It's a chance to renew old friendships; having a nice laid-back time without having to worry about the office and especially in an environment which we all enjoy. It's nice to be able to exchange ideas and thoughts professionally in an environment that is conducive to relaxation.

Dick: You [are a] past president of the Portland Chapter, from that perspective, why do you think it's important for members of any chapter to attend the Region Conference?

Curtis: If you belong to an organization, it seems to me that you should participate. You're wasting your money if you just pay the dues and don't attend meetings or get involved somehow. We have members of our chapter that I've never seen before. It's sort of basic to assume that you're going to participate as a member and that would include serving on the Board, serving as an officer if elected, and I think it's important to go to the conferences when you can. That's where you learn how things are done in CSI.

Dick: What would you say to the newer members of CSI who have never attended the Region Conference. Why should they attend?

Curtis: They should go just for the experience. Maybe they won't like it, maybe they'll think it is a waste of time, but if they've never been, and if the conference is any good, they'll benefit from it and enjoy it.

Dick: How can one cut down on the expenses of attending a Region Conference?

Curtis: When I went to Sun Valley, Idaho the year before last, Inga Vrla, Margie Largent and her husband Craig Anderson and I rode together. We had a great time. We tried to follow the Oregon Trail and we had our heads up all the way, trying to spot it. We really enjoyed ourselves. It is fun to go together. Lots more fun and a lot less

expensive than hopping on an airplane.

Dick: Thanks Curt for your comments, I'll see you at Seaside, Oregon in September!

-- Submitted for publication
by Linda Bowman --

BS by KS

--continued from page
3--

Humor Book for the Working Woman" (is there any other kind of woman?). It contains nearly 100 pages and it has lots of cartoons and even a reprint of one my "BS" columns. Proceeds go to benefit scholarships for women in chemistry. The cost is \$10 and you can call Perky Kilbourn at 244-1778 for information on ordering. This is a great book. Believe me.

--Ken Searl, CSI is a spec
writer
for WeGroup Architects--

Editors Notes

February Meeting and Seminar Cancelled

Due to snow and icy road conditions the February dinner meeting and following day seminar were cancelled. The scheduled speakers, profiled in the February issue

Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
228-6444

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 must be typed or clearly printed and received by the 10th of each month.

Please send articles for publication to:

12809 NE 8th Place
Vancouver, WA 98684

FAX (503) 223-2123

Other CSI business should be directed to:

Portland Chapter, CSI
215 SW First Avenue
Portland, Oregon 97204
503/223-8231

of The Predicator, will hopefully be able to appear at a later date. A tentative date for rescheduling the topic; Architectural Sheet Metal, has been proposed for the April meeting [see Calendar of Upcoming Events page 4]. We thank the speakers for the time and efforts they have invested in our Chapter. And we welcome the warmer temperatures of late. Our staff meteorologist sees nothing but blue skies ahead.



Portland Chapter Leaders, 1989-1990

President-Tom Shea	760-6433
President-Elect- Dennis Obert	245-7802
1988-89 President- Inga Vrla	635-6227
Secretary-John Kehrli	644-7102
Treasurer-Jim Davidson	226-3508
Executive Director- Margie Largent	620-6573

Board of Directors

John Lape, CCS Prof. '90	243-2837
Bruce Townsend, Prof. '91	228-6444
Andy Cleveland, Ind. '91	620-1014
Steve Miller, Ind. '90	286-2228
Arden Newbrook, Prof. '90	222-4470
Candace Robertson, Prof. '91	222-3753

Committee Leaders

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By-Laws-Paul Wilson, CCS	635-3618
Certification- Corwin Hymes	620-6617
Editors-Kevin Martin	255-5122
Gunnar Forland	223-9318
Education- Jim Dufala	243-5506
Finance-Inga Vrla, CDT	635-6227
Hospitality-Andy Cleveland	620-1014
Liaison-Dick Burgess	226-2921
Library-Alten Hooten	248-9636
Long Range Planning- Don Eggleston	228-6444
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Bob Klas 644-4222

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The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology

Portland Chapter Monthly Newsletter



Vol. 29 No. 5

April, 1990

NEXT MEETING

DATE
Tuesday,
April 10, 1990

TIME
Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

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 Friday,
February 9

SUBJECT
Architectural Sheet Metal

ARCHITECTURAL SHEET METAL

April Dinner Meeting

Our April meeting reschedules the speakers from our February meeting which was cancelled due to nasty weather. (Speakers were profiled in the February issue of *The Predicator*.) Again we wish to thank this great group of speakers for making room in their schedules twice this year to address our membership. This meeting, **Wednesday, April 10** will feature members of the **Sheet Metal and Air Conditioning Contractors National Association (SMACNA)**. The general topic, architectural sheet metal includes such subjects as louvers, roof ventilators, wall coping and roof sheet metal.

The panel, moderated by local **SMACNA Director, Bob Blake** will discuss and clarify issues such as:

Material selection; which applications are most appropriate for stainless steel, prime-painted sheet metal or aluminum.

Gauge selection; how to select metal gauges and how that selection affects costs and fabrication.

-- Continued on page 4 --

SPECIAL PRODUCTS FAIR ISSUE!

SEE PAGES 5 AND 6 FOR DETAILS

PORTLAND CHAPTER

CSI

WHAT'S INSIDE

- BS by KS page 3
- Member profile page 8
- Board report page 9

Calendar

CALENDAR OF
UPCOMING
EVENTS



Portland Chapter,
CSI

	Tu	W			
			26	27	28



Dinner meetings
Second Tuesdays



Lunch Seminars
Second Wednesdays

April 3 - Mt. Rainier Chapter
Chartering Ceremony

April 10 - Dinner Meeting

April 11 - Box Lunch Seminar
Topic: Architectural Sheet Metal

April 26 - Products Fair

April 28, 29 - Northwest Region
Leadership Conference

May 8 - Dinner Meeting
Topic: Skylights

May 9 - Box Lunch Seminar
Topic: Skylights

June 12 - Dinner Meeting
Awards Banquet

Please submit all items for
calendar to the editors,
The Predicator

Chapter News

WHAT IS ICR?

The "Institute for Construction Resources" (ICR) is an Oregon nonprofit corporation created 2 years ago by its director, Jim Dufala. ICR began an education program for those desiring to be their own general contractor. ICR is now directing its efforts toward apprentice training and continuing education.

This year, many Portland Chapter CSI education programs are cosponsored by ICR. This was done to provide CSI members with an expanded education opportunities.

ICR published its first text last September, "The Oregon Building Process". The 1991 edition is due out later this year and will contain specification data on building products.

In October 1989, ICR and OSU conducted a series of lectures on "Energizing the Home".

In January 1990, ICR and CSI began a series of "Product Symposia" at ICR.

In February 1990, ICR, with the cooperation of Portland Public Schools began a "Pre-apprenticeship" training program. "Dignity in Labor" is taught in conjunction with the "Pre-apprenticeship" training program. The topics of self esteem, integrity and other

personal growth issues are included in "Dignity in Labor".

ICR's publications and programs are funded through tuition and grants, with all ICR's staff being volunteers.

ICR's goal is to work with people who want a profession in the construction industry. Some people will be interested in craft skills and others will go on to college to work toward a degree in engineering or architecture.

An additional goal of ICR is to build a "Construction Resource Center" to assist an owner or building professional in making selections of building products. Manufacturer's reps will be asked to provide technical information to assist in the selection process.

ICR is looking for building professionals who are interested in teaching and publishing articles about the construction industry. For more information contact Jim at 243-5506.

Mt. Rainier Chapter Celebrates

On April 3, a chartering ceremony is scheduled for our newest chapter in the region. For information call Mark Bergquist, Publicity Chairperson, (206) 383-3084 or Kristy Funkhouser, Newsletter Editor, (206) 927-3340.

BS by KS

Basic Specs by Ken Searl



Expose Yourself to Specs !

At our last CSI Chapter meeting

our program was on masonry sealers and the following day a noon time seminar was held on the same subject. It was called to our attention that the phrase "masonry sealer" is in general a misnomer. Many of the so-called sealers are actually **water repellents** or **water retardants** - not sealers. Much discussion was held regarding types, application instructions and how to specify these products and their limitations.

One surprise question was asked by the members of the panel and that was; "Where in the project manual do you specify masonry water repellents?" One or two attendees stated they put it in Division 9 and all the rest, except Ken, placed it in Division 7.

It is noted all the panel members recommended that this item be placed in the masonry specifications. The CSI Masterformat shows this item should be placed in Division 7. Now, you may ask why does old Ken put it elsewhere if Masterformat shows it in Division 7?

Several years ago, it was usual to encounter many problems with masonry "sealers". I remember one time I watched one end of a building being sprayed and on around to approximately 70 percent of the next elevation. They were doing a fine job so I left and went to another project. Well, guess what? When the Fall rains came, it only leaked at the wall sections I did not witness being applied!

We decided that enough was enough and something had to be done to alleviate this situation - so we placed this product in Division 4. We received a few complaints from masonry contractors but many of the masonry contractors preferred it in the masonry section. Some did not actually do the application themselves but subbed it out and retained responsibility. From this time on we noted less leaks were occurring and less efflorescence was evident.

This went on for several years and worked just fine. But, on a large project the general contractor pulled it out of the masonry section, over the objections of the masonry contractor, and awarded it to other applicators. It seems to me the reason for this could possibly be to secure a lower total sub-bid. In getting a lower sub-bid, one of two things could occur: It could mean being awarded the general contract to do the project; It could also mean if sub-bids come in a certain way, some extra profit for the project could be realized. Now, it appears that none of this is illegal or even shady, just sharp business acumen. And if I was on the other side of the fence I would certainly consider doing the very same thing.

...without the masonry contractor being responsible, quality of work may not be as good.

As you may gather, on the other side of the coin, with a lower bid and without the masonry contractor being responsible, quality of work may not be as good. Without the masonry contractor's being assigned responsibility for this treatment it difficult to assess blame later. And not only that, but if the visual assessment of masonry work looks bad to everyone the masonry contractor's reputation can suffer.

-- continued on page 4 --

BS by KS

-- continued from page 3 --

I have given a lot of consideration to finding a method of getting this product back to the masonry specifications and keeping it there. One method could be to insert the following paragraph, preferably in bold type, in the masonry specifications:

IT IS MANDATORY THAT CLEAR MASONRY WATER REPELLENT COATING REMAINS IN THIS SECTION. MASONRY SUBCONTRACTOR IS RESPONSIBLE FOR THIS APPLICATION. IT MAY BE DONE BY OTHERS UNDER THE DIRECTION OF MASONRY SUBCONTRACTOR UPON APPROVAL OF ARCHITECT.

This may deter the general contractor in a hungry search for possible methods to lower a bid. As yet I haven't sought legal counsel or given it the acid test. I guarantee our next project manual will have something similar in there by golly.

Another method may be to place an allowance in the masonry section. This could possibly cost the owner some additional money unless handled properly and carefully. Another method may be to require a two year additional warranty if other than the masonry contractor maintained responsibility for the work. Either of these two methods would probably take away any incentive from the general contractor to try to remove it from the masonry section.

Anyone out there with some ideas on this subject or any com-

ments just let me know by letter or FAX, 223-1184 (or even a phone call). Just like the detective on Dragnet, all I want are the facts, just the facts - one way or another.

One final item, I do recommend that the CSI Masterformat relocate this product to Division 4, Masonry.

--Ken Searl is a specwriter for W.E.Group Architects--

Dinner Meeting

-- continued from page 1 --

April Meeting

Quality control; since most of this work is field assembled and subject to the "low bidder syndrome", quality control can be a difficult issue for the specifier. We'll learn how to better watch for quality assembly in the field.

SMACNA documents; what is available on architectural sheet metal and how to use and reference these documents.

Come join us for the dinner at Atwater's Restaurant on the 41st floor of the U.S. Bank Tower, 111 S.W. 5th. Guests and spouses will also find this an enjoyable evening. The following day seminar will be held at Zimmer Gunsul Frasca Partnership, 320 S.W. Oak, 5th floor. Reservations for either or both can be made by calling Trasi Hogenhout at 274-0624 by Friday, April 6, 1990.

1990 CSI
Northwest
Region
Leadership
Conference
April 28 & 29

Noon Saturday,
April 28 through
Noon Sunday, April
29

Sunnyside Inn,
Clackamas, OR

Call 1-800-547-8400
for room reservations
(be sure to mention that you
are with CSI to receive our Special
Rate)

If you have not received a mailing on the Conference or would like more information, call Les Seeley, 206-254-2049 or Tom Shea, 760-6433

**"All architecture is
what you
do to it when you look
upon it"**

--Walt Whitman--

Monthly Meeting Report

Report: March Meeting

Clear Sealers (and Masonry)

The March CSI dinner meeting was held at Atwater's Restaurant in downtown Portland. The program was on clear sealers (and masonry). Moderated by **Gene Andrews of Thoro Systems Products**, the guest speakers were **David Corbett of Corbett Inc.** and **John Lamb of Western Architectural Products**.

Next Dinner Meeting on

Architectural Sheet Metal

See page 2 for details



David Corbett opened the program with a slide show which identified two aspects of water damage to masonry:

- A. Aesthetics;
 1. Efflorescence, moisture from the wall cavity which mobilizes salts to the exterior.
 2. Bacterial growth/moss.
- B. Structural;
 1. Deterioration of stone.
 2. Subefflorescence spalling of brick face.
 3. Bacterial/fungal growth breaking down masonry joints.

Two methods of protecting masonry were discussed, surface

sealers and water repellents.

Surface sealers are a film face coating which will not allow a wall to breathe. Types of this sealer include;

- Lacquers
- Acrylics
- urethanes
- Methylmethacrylates

Adverse affects of these products can range from aesthetic color changes to failure of the masonry and mortar due to moisture trapped within the wall.

Water repellents, on the other hand, are not sealers at all. They penetrate the wall causing a molecular change which inhibits water entering voids but also allows material to breathe. Some types of water repellents are;

- Silane
- Silicone
- Siloxane
- Siloxane Resins
- Polysiloxane

These products are applied by brush, roller or spray. They are clear and have good vapor transmission. Windows and landscaping should be protected during application and application should be generous (flood coating). It's effectiveness is dependent on the degree of penetration the product achieves.

John Lamb mentioned that water repellent coating will not hold a building together. Other areas of moisture penetration may occur at sealant joints, copings and expansion joints.

Testing for specified coverage

of a repellent can be done by the RILEM Method. This measures absorption of moisture into a wall.

The expected life span of silicones on a wall is 3 - 5 years. Silane and Siloxane range from 10 - 12 years.

-- **Richard Heiserman,**
AIA, CSI
W.E.Group
Architects/Planners --

Portland Chapter,
CSI

NEXT SEMINAR:

SUBJECT:
ARCHITECTURAL SHEET
METAL

DATE:
WEDNESDAY, APRIL 11

TIME:
NOON - 1:30 PM

COST:
\$5.00 PER PERSON
INCLUDES BOX LUNCH

LOCATION:
ZIMMER GUNSUL FRASCA
320 SW OAK ST., 5TH FLOOR
PORTLAND, OR

R.S.V.P.:
TRASI HOGENHOUT AT
274-0624
BY NOON FRIDAY, APRIL 6

Member Profile

KILBOURN ON THE REGION CONFERENCE

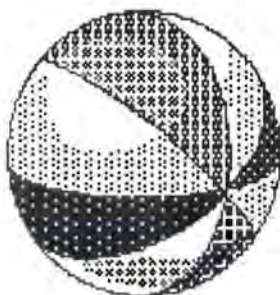


OCEAN VIEW --
-- INVESTORS ONLY !!

Are you willing to invest a weekend for a large return on your investment?

You will have the opportunity to do just that in September at the Region Conference to be held in Seaside, Oregon.

One of the Portland Chapter members, Lee Kilbourn, has seen a good return on his investment of time in the past years. Lee is Chief of Specifications at the architectural firm of Zimmer Gunsul Frasca Partnership in Portland, Oregon. He started at Z G F in spec writing by actual on the job training. When asked how long he has been with the firm, he said, 24 years.



Before his arrival at Z G F, Lee obtained two degrees; one from the University of Oregon in Architecture, and one from Oregon State University in General Science.

Lee joined CSI as a junior member for two years and became a full member in 1967. He has served two years as Chapter President and also over the years has been technical chairperson, editor, and is currently membership chairperson. Lee has been involved with Specifications Writing Awards, service on various Institute Committees and other activities for the Institute and the construction community. His efforts were recognized and rewarded in 1982 when he was invested as a Fellow in CSI.

Over the years in CSI, he has attended a number of conferences in a variety of locations. One of the benefits he finds is that by attending the technical sessions and discussing that information with others, you come to realize you have developed new understanding and friendships and strengthened existing ones.

Another way the conference has assisted him in his daily work schedule and duties, is learning from people who have similar ideas or a different way of performing a routine task. In the conference setting, you have an opportunity to discuss these ideas, and discover new ways to help you with your job. Thus, the entire process tends to become less puzzling.

Lee also sees an importance for industry members to attend. The seminars usually have a universal theme which can be applied to a variety of fields. Industry members have an opportunity to meet architects in a setting other than their offices. These meetings help to break down preconceived notions and to reinforce communication.

SO, JOIN YOUR OTHER CSI MEMBERS IN SEPTEMBER AND INVEST IN YOURSELF !!

Perky (Lee's wife) adds: I attend Region Conferences for networking, and to be with the many friends we have made over the years. I am also involved in bioremediation of toxic wastes which are sometimes a problem to the construction industry. The construction business is fascinating and mysterious. The Region Conference programs are always educational, and mainly interesting.



Board Report

MINUTES OF BOARD MEETING, FEBRUARY 6

Present: Tom Shea, Dennis Obert, Jim Davidson, Margie Largent, Inga Vrla, John Lape, Bruce Townsend, Andy Cleveland, John Kehrl.

Also Present: Linda Bowman, Corwin Hymes.

Absent: Robertson, Newbrook (excused).

Meeting was called to order and the minutes of Dec. 5 and Jan. 2 meetings were approved with corrections.

Treasurer's Report, Davidson; Effective July 1, Chapter dues will increase from \$20.00 to \$30.00. Also, \$72.00 has been collected from members who did not cancel or attend the December dinner meeting.

Committee Reports:

Technical, Lape; John advises that Bruce Townsend is developing Division 1 Design/Build requirements with the city.

Archives; No report.

Education, Obert; Dennis advises that a seminar on siding has been scheduled at the Energy Resource Center - details to follow.

Programs, Obert; Dennis needs help with the Wednesday seminars and feels that additional coordination is required with Programs Committee.

Library; No report.

Certification, Hymes; Corwin has received 18 requests for CDT and CCS applications. There is an immediate need for Study Guides, Manuals of Practice and a start-up of classes.

Publicity; Roy Josi is continuing his phone calling committee with good results.

Predicator; Corwin Hymes would like to see other chapter meeting schedules published to aid Industry members who travel and would like to attend their meetings.

Membership; Membership stands at 300.

Products Fair; Scheduled for April 26, Thursday. Fliers and booth applications are ready to mail out.

Old Business;
None.

New Business;
Starting with March meeting,

Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
228-6444

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.

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12809 NE 8th Place
Vancouver, WA 98684

FAX (503) 223-2123

Other CSI business should be directed to:

Portland Chapter, CSI
215 SW First Avenue
Portland, Oregon 97204
503/223-8231

dinner reservations will be taken by Trasi [Hogenout] at The Daily Journal of Commerce Plan room, her phone number is 274-0624.

Inga Vrla will type up agenda for the upcoming Region Conference once the program is available.

Meeting adjourned at 1:00 pm.

—John Kehrl, Secretary—

**Portland Chapter Leaders,
1989-1990**

President-Tom Shea	760-6433
President-Elect- Dennis Obert	245-7802
1988-89 President- Inga Vrla	635-6227
Secretary-John Kehrli	644-7102
Treasurer-Jim Davidson	226-3508
Executive Director- Margie Largent	620-6573

Board of Directors

John Lape, CCS Prof. '90	243-2837
Bruce Townsend, Prof. '91	228-6444
Andy Cleveland, Ind. '91	620-1014
Steve Miller, Ind. '90	286-2228
Arden Newbrook, Prof. '90	222-4470
Candace Robertson, Prof. '91	222-3753

Committee Leaders

Awards-Linda Bowman	228-6444
By-Laws-Paul Wilson, CCS	635-3618
Certification- Corwin Hymes	620-6617
Editors-Kevin Martin	255-5122
Gunnar Forland	223-9318
Education- Jim Dufala	243-5506
Finance-Inga Vrla, CDT	635-6227
Hospitality-Andy Cleveland	620-1014
Liaison-Dick Burgess	226-2921
Library-Alton Hooten	248-9636
Long Range Planning- Don Eggleston	228-6444
Membership- Lee Kilbourn, FCSI, CCS	224-3860
Nominations- Curtis Finch	636-9270
Products Fair-Armie Wake	252-1812
Programs-Mike Bowles	234-4321
Publicity-Roy Josi	691-3944
Technical Documents- John Lape, CCS	243-2837

Region Responsibilities

Region Publications- Ken Searl	223-1181
Region Education- Dennis Obert	245-7802

Region Directors

Les Seeley
DEL Distributing
P.O. Box 6157
Vancouver, WA 98668
(503) 287-7135 or (206) 254-2049

James M. Robertson, FCSI, CCS
Robertson/Sherwood/Architects
96 East Broadway, Suite 6
Eugene, Oregon 97401
(503) 342-8077

Institute Responsibilities

Technical Documents Committee- Bob Klas	644-4222
--	----------

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$20, total investment \$150. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn, FCSI, 215 SW First Avenue, Portland, Oregon, 97204.

The Predicator

215 SW First Avenue
Portland, Oregon 97204

Address Correction Requested

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The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology

Portland Chapter Monthly Newsletter



Vol. 29 No. 5

May, 1990

NEXT MEETING

DATE
Tuesday,
May 8, 1990

TIME
Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

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 Friday,
May 4

SUBJECT
Contracting in the 1990's

May Dinner Meeting

Shifting Relationships and Emerging Liabilities

Contracting in the 1990's

What are the trends in contracting in the 1990's? What will that mean to you in the construction industry? How much effect will that have on you? What are the things you need to be aware of in order to help you succeed and "stay out of trouble"?

John Baker, a CSI member who is an attorney with **Bolliger, Hampton and Tarlow** will help us get a handle on some answers

to these crucial questions at our May CSI meeting on Tuesday, May 8th. John has been involved in the construction industry for more than 20 years. He has a professional degree in architecture, and has been a project designer and principal architect on residential, commercial, and industrial projects in 6 states. In addition, he has worked as a carpenter, a construction manager, and a general contractor gaining personal experienced in trade operations, crew supervision, materials handling, project scheduling and bidding. Mr. Baker offers an understanding of construction problems, which comes only to one with his many years of hands-on industry experience.

-- continued on page 4 --



PORTLAND CHAPTER

CSI

WHAT'S INSIDE

- BS by KS page 3
- Member profile page 8
- Board report page 9

Calendar

CALENDAR OF
UPCOMING
EVENTS



Portland Chapter,
CSI

		Tu							



Dinner meetings
Second Tuesdays



Lunch Seminars
Second Wednesdays

May 8 - Dinner Meeting
Topic: Construction in the 1990's

May 9 - Box Lunch Seminar
NO SEMINAR THIS MONTH

June 12 - Dinner Meeting
Awards Banquet

SEPTEMBER 27-29
CSI NORTHWEST REGION
CONFERENCE
SHILO INN
SEASIDE, OREGON

Please submit all items for
calendar to the editors,
The Predicator

Chapter News

In Memoriam:

Harvey
Daley,
CSI Member
Emeritus

Word has been received of the death of Harvey Daley, CSI Member Emeritus. Harvey joined the Institute in 1962, and was with the W. H. Cress Company from 1969 to 1982. A further remembrance is planned for next month's issue of The Predicator.

Those who knew Harvey are urged to contribute a story, a reminiscence or a picture. If you are able to make such a contribution please call **Margie Largent at (503) 620-6573** as soon as possible.

Portland Chapter
CSI Elections to
Chapter Office

Ballots have been mailed for election of officers to Portland Chapter CSI for 1990-91 term. Members who have not received a ballot please call the Chapter office. The nominees are as follows:

Chapter President-Elect

Jim Hirte,
Colamette Construction Co.
Paul Wilson,
OTAK Architects

Chapter Secretary

Dick Graves,
Pioneer Waterproofing Co.
Rick Heiserman,
WEGROUP Architects

Chapter Treasurer

Chuck Page,
Western Insulfoam
Isaac Tevet,
Fletcher, Farr, Ayotte
Architects

Chapter Board of Directors,
Professional Members

Linda Bowman,
SERA Architects
John Lape,
Architect
Ray Totten,
Architects Barrentine Bates Lee
Richard McBride,
Soderstrom Architects

Chapter Board of Directors,
Industry or Associate Members

Gene Andrews,
ThoroSystem
Craig Jaeger,
Brockamp & Jaeger
Kevin Martin,
USG Interiors
Bob Thompson,
Pella Commercial

Mail your ballot to Portland Chapter CSI, 215 S. W. First Ave., Portland, OR 97204 or bring it to our May 8th dinner meeting. Officers whose terms run through 1991 are listed on page 8.

BS by KS

Basic Specs by Ken Searl



Expose Yourself to Specs !

Recently, I was at a new health

center, waiting in the reception area when I observed their newly finished construction. At one location off of the reception area there were two adjacent doors. One swung outward with no kickplate on the reception area side and the other door swung inward with a kickplate.

From an aesthetic standpoint this didn't look good. And from a practical standpoint, why use any kickplates at all? In answering this question one must go back to why a kickplate is needed. Years ago, when doors, particularly in corridors, did not require latching mechanisms lots of people actually did kick the door, especially when they knew no latch was present. Since codes have changed and everything in a one hour time-design corridor requires a latch and a closer, we do not need to kick a door as we come upon it in a hurry because we know we must release the latch before going through the doorway.

For some time now I have been observing people in various locations opening doors with and without kickplates and, other than one or two locations, I've never seen anyone kicking the door.

We haven't specified kickplates for a long time - unless requested by the owner. The few requests we receive are from schools. If rolling carts are involved we specify armour plates, either stainless steel or

laminated plastic which extend well up the face of the door.

I believe the reason so many doors are specified with kickplates is the old story..."That is the way we have always done it. This attitude can leave people with arrested thinking. In all walks of life, including specifications and construction, people cannot stay static. They must be dynamic. In other words they can't stand still, they either go ahead or fall back. Another way of putting it is, if they can't lead or follow, they should at least get out of the way.

I feel we are at times all guilty of complacency because familiar items tend to become permanent items. Keeping up to date requires constant vigilance. It behooves us to keep our eyes peeled for new ideas, products and developments. Don't be

*...if they can't
lead or follow,
they should at
least get out of
the way.*

afraid of trying new products but first be sure to investigate them fully. One thing we need to look out for is new products that come on the market with great raves but just don't perform as touted. We tend to write them off forever even if they later become a good or a great product. Must be more of "That's the way we always do it." A good example of products that got off to a bad start are multi-viscosity oils and latex paint. Both products started off with a sizzle, fell back, and then later became good products.

Now, let's talk about exit devices and lock cylinders. Removable core cylinders are used by many schools and businesses. Many exit devices require cylinder locking and if cylinder locking is accom-

-- continued on page 4 --

BS by KS

May Dinner Meeting

-- continued from page 3 --

plished by removable cores watch out for possible problems if the installers are not competent. And believe me there are a lot of the incompetent type rascals out there.

On a recently completed project involving approximately 25 doors with exit devices and removeable core cylinders there was lots of trouble encountered due to the difficulty to lock and unlock doors equipped with removable keyed cylinders. We sent a factory representative out to meet with the owner's hardware person and they discovered what is called a mess. (A mess is sort of like when you have 3 gallons of manure in a 2 gallon bucket!)

...more time was spent on all this frolicking around than if they had originally called the factory rep

Several exit devices were removed and it was discovered that the steel cup behind the cylinder was missing. A brass key, cardboard, a flattened out concrete insert and other handy dandy items were in place to shim the exit device away from door. Evidently this was done with the thought that this would take care of all their previous fumbling. Also screw heads to secure the cylinder in place were nearly ground off.

Exit devices come with proper parts and pieces, including the cylinder collar thickness to support a regular cylinder. But a much thicker collar is required with a removable core cylinder. Probably more time was spent on all this frolicking around than if they had originally called the factory rep for help.

Now, you may ask what to do about this in the future. Exit devices come with a standard collar to fit regular length cylinders and if they don't furnish the cylinder then they have no way of knowing a different collar is needed. In my opinion the specifications should require the cylinder supplier to furnish this item.

Another suggestion by a factory rep is to place the following in your hardware specification preferably in bold face type:

IT IS THIS SECTIONS RESPONSIBILITY TO CONTACT THE FACTORY REPRESENTATIVE THROUGH THE HARDWARE SUPPLIER FOR INITIAL INSTRUCTIONS AT THE JOBSITE FOR ALL EXIT DEVICES, FLOOR AND SURFACE DOOR CLOSERS, MORTISE LOCKSETS AND ANY OTHER HARDWARE REQUIRING SPECIAL INSTALLATION KNOWLEDGE, I.E. ELECTRICAL OR ELECTRONIC HARDWARE.

--Ken Searl is a specwriter for W.E.Group Architects--

-- continued from page 1 --



Mr. Baker's presentation will include:

- **Shifting relationships and emerging liabilities in construction contracting in the 1990's.**
- **Architectural duties concerning specifications and other contract documents, including**
 - **approvals**
 - **substitutions**
 - **submittals**
 - **quality assurance**
 - **warranties and guarantees**
 - **indemnification**
- **Measuring damages for errors and omissions in construction documents.**
- **Coordination of legal and practical provisions in construction documents.**

Come to this informative and extremely important presentation and bring a guest who would profit also.

Tuesday, May 8, 1990

Atwater's Restaurant

U. S. Bank Tower

111 S. W. Fifth

RSVP: 274-0624

— Roy Josi —

Local News

Oregon School of Architecture and Design

*Looking to the
Future*

Looking Inside

While the devastation of our water, land and wildlife is chronicled daily in the media, an attack on our "built environment" continues without notice. Throughout the country, the development of grid locked cities and sprawling suburbs goes unchecked.

As the sparsely populated Pacific Northwest builds its way into the future, we must demand a balanced and planned approach to growth. This will be accomplished by educating professionals to develop thoughtful solutions, and helping the general public understand their role in defending our built environment.

These may seem like lofty goals, but an institution in Portland is working to make them a reality. The Oregon School of Architecture and Design, a private institution located in Northwest Portland, was formed in 1981. The school was started by local architects who saw a need to locate a school of architecture

where most major building projects, prominent architects, and half of the state's population were based.

Today the school is taking bold steps to meet the challenges that face us. The school's current business plan includes the development of an architecture master's degree program to be accredited by 1992. The plan provides for a three-fold increase in full-time students over the next five years. In addition, the school will continue as a community center for study and discussion of urban architecture and design. Public forums, lectures, and continuing education programs are all planned.

Though the school expects to be substantially self-supporting at the end of five years, it is now looking to the community for the financial support it needs to implement these plans. The school began its appeal to the architectural community, and has now broadened its approach to target the building industry, including engineers, developers, contractors, suppliers, manufacturers, and others who recognize the immense value of excellence in planning, design and construction.

"We envision the school being more than just an educational institution," said John Carroll, board chair and managing director with Prendergast and Associates, a Portland based development company. "It will serve as a model center for the study of urban environment issues that impact Portland and communities throughout the country."

Led by Norm Zimmer, a principal with Zimmer Gunsul Frasca Partnership, the school is a place where the best minds come together to discuss issues in a collaborative forum. If there is an issue of local or regional concern - be it moving a freeway or questioning downtown development - the Oregon School of Architecture and Design will be a leader in the discussion.

To find out more, call 222-3727, or drop by the school at 734 N. W. 14th.

— Greg Robeson —

April Report

Report

Architectural Sheet Metal

April Dinner Meeting

The April program and dinner meeting was well attended with 65 chapter members and 10 guests and speakers. Once again, Atwater's Restaurant presented an impressive fare and breathtaking view from the 41st floor of the U.S. Bank Tower.

Bob Blake, director of the Portland chapter of SMACNA (Sheet Metal and Air Conditioning Contractors National Association), started off the program by explaining how the group was formed and its purpose in the industry. Representing contractors, SMACNA acts as their liaison with the labor unions. SMACNA actively negotiates labor contracts through the local chapter and national organization. They also help coordinate and write sheet metal standards for the industry and work closely with building inspectors. Bob invited all CSI members to take advantage of the technical documents and reference standards that can be studied at the SMACNA offices located at the River Forum Building near John's Landing.

Hal McBride, owner of



Doug Knutson-The Becker Co., Hal McBride-McBride Sheet Metal and Bob Blake-SMACNA



Doug McKeon-Arctic Sheet Metal and Mike Becker-Becker Co.

McBride Sheet Metal described and demonstrated the 12 different coping joints acceptable by SMACNA standards. He explained the use of hook strips and the disadvantages of using neoprene screws and sealants instead of hook strips.

Doug Knutson, manufacturer's representative for R. F. Becker Co., described the different gages of sheet metal and their various uses. He also explained the pitfalls of selecting paint colors for painted and prepainted sheet

metal. He explained that every paint color has its own consideration for pricing and, if at all possible, the architect or spec writer should specify the paint color or range of colors prior to the bid. A range of colors may be desirable because particular colors are not identical from manufacturer to manufacturer. This will allow the bidder to generate a more realistic cost estimate.

— Linda Bowman, CSI
SERA Architects, P.C. 

Seminar

W.S.R.C.A. Convention

We are a trade association representing roofing contractors in the western region of the United States. Our Association sponsors an annual convention and trade show on behalf of the roofing industry in the West.

Our convention this year is in Seattle at the Washington State Convention & Trade Center, 800 Convention Place, Seattle, Washington, June 13-15. A wide variety of roofing and waterproofing products, systems and equip-

ment will be displayed in over 200 booths. We have three days of informative, educational seminars and some special events.

As we believe CSI is an important part of the construction industry, we make this coupon available to your members and encourage them to take advantage of this opportunity.

Day Passes for the exhibit hall and seminars are normally \$20.00, we are offering one free day or two \$10.00 days.

We hope you will take advantage of this and join us for an experience you won't find anywhere else in the West.

An Offer Too Good to Refuse!

Just cut out the coupon of your choice and save on the one roofing convention specifically designed for the Western Roofing Professional.

**The 16th Annual WSRCA Convention & Trade Show
Seattle, Wash., June 13-15, 1990**

Seminar subjects include: Wood Decking, Residential Roofing Practices, Building Codes, Modified Bitumen, How to Increase Your Profits, Asbestos Update, Built-up Roofing, Liability Insurance and much more! **The Trade Show** will feature over 200 booths with companies offering products and services for the Western Roofing Industry.

Special events include: Keynote Speaker, NFL Hall of Famer Terry Bradshaw; a dinner dance cruise on Lake Washington; and a drawing for an Alaskan Cruise for two! (Above special events not include with coupon.)

Join us for an experience you won't find anywhere else in the West.

See You in Seattle! June 13-15, 1990

"FREE"

**Day Pass
for the
Exhibit Hall
and Seminars.**

**Good Wednesday
June 13, 1990, only.**

*'Your Passage
To The Future'*



"HALF PRICE"

**Save \$10 on a
Day Pass for the
Exhibit Hall and
Seminars any
Day of the Convention.**

(Ticketed functions are extra.)

'Your Passage To The Future'



**WESTERN STATES
ROOFING CONTRACTORS
ASSOCIATION**

**16th Annual Convention
& Trade Show
Seattle, Washington
June 13-15, 1990**

Redeem this coupon at the convention registration booth.

Washington State Convention & Trade Center
Registration 8:00 am to 6:00 pm
(415) 588-9722

Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
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Portland Chapter,
CSI

**NEXT
SEMINAR:**

**No Seminar
Scheduled for May**

Portland Chapter Leaders, 1989-1990

President-Tom Shea	760-6433
President-Elect- Dennis Obert	245-7802
1988-89 President- Inga Vrla	635-6227
Secretary-John Kehrli	644-7102
Treasurer-Jim Davidson	226-3508
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Products Fair-Arnie Wake	252-1812
Programs-Mike Bowles	234-4321
Publicity-Roy Josi	691-3944
Technical Documents- John Lape, CCS	243-2837

Region Responsibilities

Region Publications- Ken Searl	223-1181
Region Education- Dennis Obert	245-7802

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(503) 342-8077

Institute Responsibilities

Technical Documents Committee-
Bob Klas 644-4222

Institute and Portland Chapter dues for one year are: Institute \$130, Portland Chapter \$20, total investment \$150. Please send your check payable to Construction Specifications Institute, c/o Lee F. Kilbourn, FCSI, 215 SW First Avenue, Portland, Oregon, 97204.

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The Construction Specifications Institute

The Predicator

Advancement of
Construction Technology

Portland Chapter Monthly Newsletter



Vol. 29 No. 10

June, 1990

NEXT MEETING

DATE

Tuesday,
June 12, 1990

TIME

Social Hour 5:30-6:30 pm
Dinner & Program 6:30-9 pm

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 Friday,
June 9

SUBJECT

AWARDS & Oregon School of
Architecture and Design &
Special Hands-On Demo CSI's
Electronic Spec-Data

Awards...
Awards...
Awards!!!

Our last meeting for the year is the June meeting, which will be held on Tuesday, June 12th. The June meeting is always our awards banquet. We get to honor those members who have contributed to

another successful year. Those honored members may even include you, so be sure to attend, and bring your spouse or significant other, and let's savor the past year one more time in grand style, before we kick off the next year.

The awards banquet this year figures to be lots of fun, with 23 Awards and an International Cuisine. Also John Baker will tell us a little about the Oregon School of Architecture and Design.

—Roy Josi—



Congratulations to the Newly Elected CSI Officers

Issac Tevet of Fletcher Farr
Ayotte Architects
John Lape of John Lape
Architects
Rick Heiserman of Wegroup
Architects
Linda Bowman of SERA
Architects
Bob Thompson of Pella
Commercial (not pictured)



PORTLAND CHAPTER

CSI

WHAT'S INSIDE

- Board report page 2
- BS by KS page 3
- Member profile page 7

Calendar

CALENDAR OF
UPCOMING
EVENTS



Portland Chapter,
CSI

	Tu					



Dinner meetings
Second Tuesdays



Lunch Seminars
Second Wednesdays

June 12 - Dinner Meeting
Awards Banquet

September 11 - Dinner Meeting

SEPTEMBER 27-29

**CSI NORTHWEST REGION
CONFERENCE
SHILO INN
SEASIDE, OREGON**



Please submit all items for
calendar to the editors,
The Predicator

Board Meeting

Portland Chapter
CSI 1990-1991
Board of Direc-
tors Minutes of
April 3, 1990
Meeting.

Present: Shea, Obert, Lape,
Townsend, Largent, Vrla, Kehrli

Also Present: Hymes, Kilbourn,
Bowman, Forland

Absent: Cleveland, Robertson,
Newbrook, Miller

Meeting started at 12: 04 P.M.

Minutes of March 6th Meeting
were read and approved with
revisions.

Treasurers Report: Jim Davidson
advises we have \$2,792.51 in
checking and \$27,596.00 in
savings at Columbia Daily. Ap-
proximately \$8,000.00 is due in as
yet for CSI products fair booths.

Technical Documents: John Lape
advises that a sample specification
is in the works for design build
with the city of Portland.

Archives: No Report.

Education: Dennis Obert advises
that the ICR/CSI joint symposium
at Sound Floor Coverings was a
very well run and informative
program with a total of 50 people
in attendance. This was the last

joint meeting this year.
Manufacturer's share group had a
total of 3 attendees.

Programs: Dennis Obert is sched-
uling a meeting with Steve Miller
and Mike Bowles to discuss
program planning.

Library: No report.

Certification: CCS and CDT test
scheduled for Saturday, April 7th.
Draft has been prepared for a
"Certified Products Rep".

Publicity: Bruce Townsend
advises that Roy Josi has ex-
pressed concern about delays in
getting out The Predicator and its
impact on turnout at our dinner
meetings.

Liason: We forgot to invite AIA
to Products Fair, as a result they
will share CSI booth.

The Predicator: Top priority to get
The Predicator out on time.

Hospitality: No report.

Membership: Need \$100.00
budgeted.

Products Fair: 1990 fair is sold
out. Products Fair chairman next
year will be Gordon Van Antwerp.
Flyer has been sent out to all
architects inviting them to the fair.

John Kehrli- Secretary



BS by KS

Basic Specs by Ken Searl



"...when dealing with people, one cannot assume anything."

Expose Yourself to Specs !

As some of you may know I consider roofing and finish hardware to be the top trouble makers of a building project. It isn't individuals so much as it is a combination of things, including poor specifications and horrible installations.

Let's take finish hardware for example. In many architects offices, the specifier depends on finish hardware suppliers for specifications. Often these services are expected gratis. I don't believe these services should be free, especially in today's world. The writer of gratis specifications has quite a bit of responsibility in a legal sense. Finish hardware specifications require many versions, including allowances, group items, horizontal, vertical, and other components. Under these circumstances why would anyone do something for nothing?

With the advent of computers it would seem that more uniformity would soon become evident, but sadly it isn't happening to any great extent. Several of us are writing in house finish hardware specifications on a vertical form with individual opening numbers on a computer program. Mine was written by Chuck Selig, a local architect in Portland, Oregon.

For years I have talked to various members of the Door and Hardware Institute (DHI) regarding the possibility of someone designing software that would allow the original specifier's door and hardware schedule to be used by all, including supplier, manufacturer, and installer, without all the paperwork and time involved under our present system.

As yet nothing has happened to get this out of more than the talking stage. Even if the manufacturer is unable to participate, it would be nice if the specifier, supplier, and installer could operate under the same hardware schedule without any rewrite.

Some of the paperwork involving delays in obtaining finish hardware is caused by requiring that a door and hardware schedule be submitted from the supplier to the architect for approval. In my opinion, this is not needed and we haven't required this in our specifications for some time. If the specifier, whether in house or out house, is doing a good job then this transfer back and forth is a sheer waste of time. Years ago I discovered the supplier usually copied my specifications into their format and if I made a mistake so did the supplier. Our specifications state a schedule is required only if required by architect. On certain projects, including some fast track types, I do request a hardware schedule from the supplier for approval.

Years ago I thought I would outsmart the suppliers by including a quantity takeoff to expedite getting finish hardware in correct amounts to the jobsite. On two different occasions I spent extra time making sure everything was correct on the takeoff and in both cases the hardware schedules provided by the accepted supplier came back with schedule not in agreement with mine. I called them and asked them if they had the quantity takeoff and they both said they hadn't. Mine was correct their's wasn't. Now the moral of the story, kiddies, is when dealing with people, one cannot assume anything. It is noted that one of the biggest slow downs to progress in this world is the statement, "We've always done it that way."

I challenge the Door and Hardware Institute to come up with software that will make finish hardware specifying, procedures, ordering, and installing easier. I feel a program can be developed that would fit all users in the process. Maybe if I can get the DHI's attention something may develop.

Ken Searl is a Spec Writer for Wegroup Architects in Portland and Eugene.

May Dinner Meeting

CSI
Manufacturers
Representatives
Share Group

Date-

2nd Thursday of every month.

Time-

12:00-1:30pm

Cost-

No cost to members of CSI.
Guests welcome.

Food-

Brown bag lunch. A
\$4.00 box lunch can be ordered
with reservations. Pop and
coffee is available.

Location-

ICR ("Institute for Construction
Resources")
239 NW 13th, #311(&Everett)
Portland, Oregon 97209
(look for green awning over
loading dock)

Reservations-

Reservations are requested,
especially if you want a box
lunch.

Phone-

Gene Andrews- 640-3118
Jim Dufala-243-5506
Dennis Obert- 245-7802

Contracting in the 1990's

Whose fault is it anyway? That is the question John Baker (with the law firm Bolliger, Hampton & Tarlow) addressed at the May 8th dinner meeting. The 79 CSI members and guests heard John explain what happens when there is a breakdown in communication and coordination between the architect, owner, contractor, subcontractor, and supplier.

"What if the contractor (or subcontractor) bypasses the architect, gets the owners approval for the substitution, installs it, and it doesn't work?"

What if the contractor can't get the product the architect specified, and coordinates with the supplier to select an alternate. What if the contractor (or subcontractor) bypasses the architect, gets the owners approval for the substitution, installs it, and it doesn't work? Whose fault is it? The owner assumes the contractor was thorough in finding an adequate substitute. The architect never got a chance to refuse the substitution, and the contractor thought they were providing an adequate

substitution. What happens next? That's when John uses his expertise to mediate and negotiate a resolution to these problems. He explained that the risks involved in construction are spread evenly over all the team members, and he stressed the importance of having adequate contracts, specifications, and drawings.

All the parties involved want to provide a good product and make a profit doing it. John explained that meeting this mutual goal takes cooperation, coordination, and communication.

- Elizabeth Davila -

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Local News

Growth Drives Construction at Kaiser Permanente

Mel Brownawell and John Watson — longtime CSI members — have spent the last several years supervising the design and construction of more than 250,000 square feet of building space for Kaiser Permanente. Watson, a construction manager and cost controller, has been with Kaiser for almost 10 years, and Brownawell, a site coordinator, was recently recognized for five years of service with the organization.

Kaiser Permanente is a non-profit group practice health maintenance organization established in 1945 to serve workers and their families at the Kaiser shipyards. Today membership stands at more than 375,000 in Oregon and Southwest Washington. Facilities include two medical centers, 17 medical offices, 13 dental offices, a regional laboratory, supply center, research center, and a number of administrative offices.

"Kaiser Permanente is definitely the leader in construction in the medical industry, from Salem to Longview," says Brownawell.

"It's the membership growth that's driving the construction," explains Watson. "Over the past five years, we've added almost 100,000 members to our medical plan and more than doubled the membership of our dental plan."

Brownawell and Watson have most recently coordinated the construction of three dental offices and two medical offices — Mt. Talbert Medical Office on Clackamas and Skyline Medical Office in Salem, both which opened early this year.

In addition, Brownawell is currently overseeing an \$18 million expansion and remodel at Bess Kaiser Medical Center. Coordinating the relocations of dozens of departments is a monumental task, says

Brownawell. "You have to have everything planned to the exact day to avoid interrupting patient care. And you have to be able to advise patients where they'll have to go the next time they come in."

Watson, who has also worked on several renovation projects along with the construction jobs, says he particularly enjoys the challenge of working in such a rapidly changing environment. "Building codes change, health care regulations change, and there are new products and technologies coming out all the time."

Kaiser Permanente itself began as a new product — prepaid health care for workers and their families at the wartime Kaiser Shipyards. A 70-bed hospital in Vancouver, built in 1942, served members, and was the first civilian hospital to use the wonder drug, penicillin. In 1959, Bess Kaiser Hospital opened in Portland with 129 beds. It expanded in 1967 and today is licensed for 220 beds. In 1975, Kaiser Sunnyside Medical Center opened in Clackamas. A second wing was added in the 1980's, bringing the licensed bed capacity to 196.

Kaiser Permanente's construction activity should start leveling off, says Watson. "We're now more in balance with the needs of our membership."

- Amy Keiter for Kaiser Permanente -



Mel Brownawell and John Watson of Kaiser Permanente

Announcement

The Building Industry Relations Committee of the Portland Chapter of the American Institute of Architects will present a symposium and public discussion of:

Design-Build Construction

In October 1990, the Committee will present a panel of project owners, project developers, design professionals, and contractors who will explore the design-build construction concept in its entirety. To receive further announcements or to provide the Committee with your comments and suggestions concerning this event, please contact:

**American Institute of Architects
Building Relations Committee
Portland Chapter
215 S.W. First Ave.,
Portland, Oregon 97204
223 - 8757**



.....

The 1989-1990 Products Fair

The 1989 - 1990 Products Fair was once again a smashing success. The attendance was wonderful, the product information was vast and useful, and the food was enjoyed by all. Thanks to all participants, attendees, exhibitors, and organizers for another fantastic Portland Chapter CSI Products Fair.

Visions of the Fair



Harriet Sweeney of MFIA, Debbie Stockem of Faris Sheet Metal, Betty Mouritsen of NAWIC, Dee Gower of Pacific Lloyd Corp.



Gunnar Forland of CISSI, Exhibitor and Co-Editor of The Predicator



Bob Widing of Widing & Assoc., Ron Dortch of Abolite Lighting

Member Profile

Tom Shea on the Region Conference

WHAT AN OPPORTUNITY!!!

That is exactly the feeling that came across after a discussion with Tom Shea, current President of the Portland Chapter of CSI.

Tom has been a member of CSI since 1974. He and his wife Betty started their company, E.M. Shea and Associates seven years ago. E.M. Shea is a manufacturers representative for a variety of products for the construction industry. They also respond to architectural requests for specialty products.

Tom and Betty attend the Region Conferences and find them rewarding for a variety of reasons.

They find that the exchange of

ideas that come about as a result of the Conference are very helpful. Problem solving, assisting with architectural specs, and special uses of products are just some of the topics that come up during discussions.

Tom feels that attending and being involved at the Conference helps to bridge the gap between the industry and the architectural community by building a good trust relationship.

Another benefit for the individual Chapters is the ability to see how the other Chapters and the Region as a whole are organized. Common problems and successes can be shared, thereby making a stronger foundation for the Region.

When Betty Shea was asked about the main benefit from her point of view, she felt that the friendships developed were very important. The more attendees, the more ideas shared, and the more

friendships are made.

When you see Tom and Betty at the Conference in Seaside, Oregon in September, be sur to ask them about their experiences in the sport of road racing. An exciting and interesting conversation will follow.

!!See you in Seaside !!

-Linda Hewitson-



Editorial Staff

Kevin Martin
(206) 256-8065
Gunnar Forland
223-9318
Editors

Linda Bowman, Advertising
228-6444

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 must be typed or clearly printed and received by the 10th of each month.

Please send articles for publication to:

12809 NE 8th Place
Vancouver, WA 98684

FAX (503) 223-2123

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Candace Robertson, Prof. '91	222-3753

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