



The Predicator

*Advancement of
Construction Technology*

Portland Chapter - The Construction Specifications Institute

Vol. 34 No. 1

July/August 1994

**1994 CSI NORTHWEST REGION CONFERENCE
SEPTEMBER 8 - 10, 1994
NEWPORT, OREGON**

A.D. 2000 - A Construction Odyssey

Ever accelerating change is the only constant in our world as the millennium approaches. We are far from immune to the diverse forces that are altering every aspect of our lives. Shifting demographics, dwindling resources, dramatically advancing technologies, and a rapidly expanding world economy are of consequence to everyone in the construction industry. Success in the future will be reserved for those that comprehend the change around them today.

- Learn about the future of the construction industry
- Learn how to be competitive in the changing business environment
- Listen to experts on the leading edge of the construction industry
- Recognize the new paradigms in design and construction
- Plan for the future and do not be left behind

TRANSPORTATION

Located on the Oregon coast, US Highway 101, Newport is accessible by car from Portland or Eugene airports, an approximately 2 to 2-1/2 hour drive.

ACCOMMODATIONS

The Embarcadero Resort Hotel & Marina offers spacious one or two-bedroom suites with private patio and view of Yaquina Bay. At the eastern end of the historic bay front in Newport, this resort hotel provides a private marina, docks, indoor pool, sauna and whirlpool. Limited suites are available in the rental pool. Early reservations are recommended. Specify CSI affiliation when calling for reservations.

INFORMATION

Call inside Oregon: (800) 452-8567
Outside Oregon: (800) 547-4779
Questions, call Linn West (503) 342-6511

Hosted by the Willamette Valley Chapter CSI

PORTLAND CHAPTER CSI BOARD OF DIRECTORS MEETING
Tuesday August 9, 1994, 6:00 P.M., at the Noblehouse Restaurant, John's Landing
Everybody is welcome

The President's Message

I have recently returned from my trip to the CSI National Convention in San Francisco. As you might expect, San Francisco is a fantastic city to visit. On the Monday following the Convention, I was able to get to the Fisherman's Wharf area, Maritime Museum, Palace of Fine Arts, Ghirardelli Square, Golden Gate Park, and China Town.

The Portland Chapter had 29 members attend this year's convention. The seminars that I attended were, for the most part, outstanding. I learned about the ten commandments of specifying and legal concerns in product representation and specifying. The exhibit hall was an immense display of manufacturers booths. It seemed to go on forever. With careful planning, I was able to visit the key booths on my checklist. Unfortunately, I did not have much time available for discussions with the reps that can be so helpful. I also ran into a few old friends. Ross McDonald is now in Illinois, Cecil Taylor has recently moved to California and John Dalrymple is now in Ohio.

The Convention kicked off this year with a speak-up meeting held Thursday afternoon. Unfortunately, I was delayed and missed the meeting, but I understand that the Northwest region was well represented. I did make it in time for the Convention mixer held Thursday night. I am always surprised what a small world this is, I ran into several people I know in a group of thousands. Friday morning I attended the President's breakfast followed by the awards ceremony. On behalf of the Chapter, I accepted two awards for new member recruitment this past year. Our Chapter was the leading Chapter in the nation for new members recruited under the 1993-94 program. For this, the Chapter received a free CSI national seminar. I have chosen the seminar topic to be on coordinating specifications with consultants. I have been trying to put on such a seminar for the last several years. I received favorable responses from the engineering associations but have been unsuccessful because of financial constraints, and so winning this seminar is especially gratifying.

At 32 new members recruited, I was one of two members that achieved the Sherlock Holmes level and was fortunate to win

the draw for a free trip to next year's Convention in Minneapolis!

I tried hard to visit as many of the hospitality functions Friday night as I could, all for the good of the Chapter of course! The President's banquet on Saturday night was a large, semi-formal affair. I found President Elect, William Riesberg's comments to be particularly interesting. I will share this with you in a future column.

As many of you know, I had a full itinerary in San Francisco which included the Soccer World Cup and a bit of rafting. I was able to see four World Cup games in Stanford Stadium. These included Brazil vs. Russia, Brazil vs. Cameroon, Switzerland vs. Columbia, and Russia vs. Cameroon. There was an average of 83,000 people in attendance for these games. The atmosphere was simply electric, particularly at the Brazilian games. These fans would beat rhythms on their drums and whistle and dance from the moment they got there until hours after the game ended. This occurred not only inside the stadium but in the surrounding areas as well. I have been to other big time sporting events, including the Olympics, but have never felt the excitement and enthusiasm that the World Cup produced.

After the first game on Monday, several whitewater rafting friends and I headed east towards the foothills of the Sierras. We spent the next two days rafting on the Clayvy Falls section of the Tuolumne River. This river, like many in California, is controlled by dams and only flows at runnable levels for three or four hours per day. The second day we had to wait at camp until 1:00 pm until the river finally rose enough that we could finish our trip. Wednesday night we drove into Yosemite and camped in one of the wilderness camp sites. Thursday we had a little bit of time to explore Yosemite before heading back along the Merced River to the Convention.

P.S. We have received the second volume of the "Cascadia Forum" magazine published by the University of Washington. This volume exhibits the same quality of writing and pictures as the previous volume. Free copies are available at the Chapter office, my office, and will be at the September Chapter meeting.

John Lape CCS, President



John Lape (third from left) at the National Convention Award Ceremony

JOINT CSI-SMACNA MEETING ON ELASTOMERIC SEALANTS

At the May 10, 1994, Portland CSI dinner meeting, Pioneer Waterproofing presented a discussion on elastomeric sealants, their uses and applications. Tom Crawford, president of Pioneer Waterproofing, entertained us while he introduced and moderated the panel of technical representatives from Dow Corning, Tremco, and Morton International.

The next day, May 11, Pioneer hosted a very well attended luncheon technical seminar. Tom Crawford and his gang threw out the gauntlet. Tom's belief that the seminar's information being critical to a project's success was so strong, that he offered to buy lunch for anyone who attended. Eighty-five architects, specifiers, general contractors, SMACNA contractors and applicators took him up on that challenge. They benefited from a great lunch at Atwater's and from an in-depth look at issues such as how building joints move, handling difficult substrates, common misunderstandings about sealants, and causes of failure. Mike Crawford, Vice-President of Pioneer, moderated the seminar and gave us valuable information on the Sealant, Waterproofing and Restoration Institute.

As René Kajimoto of ZGF observed, elastomeric building sealants represent a very small part of the construction budget, yet, they play a large part in building failures. The cost benefit of good design and application practices far exceeds the expense of failure, so it makes good sense to invest in these areas of project development and construction.



Jody Moore and David De Antonis

ELASTOMERIC SEALANT SEMINAR A SUCCESS!

Tom Crawford CSI, President of Pioneer Waterproofing, and Dick Graves CSI, Project Manager at Pioneer Waterproofing put together a highly successful CSI-SMACNA technical seminar on elastomeric sealants.

We extend our sincere thanks to Russ Redman and Frank Calabrese of Tremco; Paul Anderson and Mark Nowak of Morton International; and Larry Carbary of Dow Corning, for bringing their teams of talented product experts. They did an excellent job of focusing the discussion on the principles of product application, and ways to design and conduct projects successfully.

Thanks to Tom Crawford and the group of Pioneer Waterproofing, eighty five Portland professionals enjoyed lunch at Atwater's and also have a better understanding of how to design, specify and use elastomeric sealants.

Pioneer Waterproofing's commitment to quality, education and service represents our industry at its best!

Jody Moore CCPR CSI

RE-SHUFFLING THE EDITORIAL TEAM

Starting with this issue, my editorial partner, Inge, and I, exchanged hats: She now wears the one that reads "Assistant Editor" while I wear the one that reads "Editor". I do not think this fact will make a big difference in the way we work, for Inge, in her very gentle manner, has always seen to it that we function as a team. As always, Margie will be there, advising, suggesting and keeping us in track.

We have put together a production schedule for the Predicator so that we can best coordinate our jobs with the time requirements of putting out the newsletter. If you want to submit material for its inclusion in a forthcoming edition of The Predicator, the deadline dates below are the last possible days when material can be submitted or revised.

The Predicator Issue	Deadline for Submittals
SEP 1994	AUG 10, 1994
OCT 1994	SEP 19, 1994
NOV 1994	OCT 20, 1994
DEC 1994	NOV 17, 1994
JAN 1995	DEC 14, 1994
FEB 1995	JAN 23, 1995
MAR 1995	FEB 17, 1995
APR 1995	MAR 20, 1995
MAY 1995	APR 17, 1995
JUN 1995	MAY 19, 1995
JUL/AUG 1995	JUL 17, 1995

Gloria Rasmussen CCS, Editor

WHERE THE ACTION IS!

Come where the action is, CSI, the premier avenue to education and team building for construction professionals!

Ten times a year, members and friends of the Construction Specifications Institute get together for a dinner meeting at Portland's most dynamic opportunity to meet with members of the construction industry. Designers, manufacturer's representatives, and contractors, all interact in the CSI forum.

The Program Committee's dynamic production team needs your involvement in programming these meetings at whatever level you would like to contribute.

Last year, Portland CSI presented a varied array of programs, including a tour of the new METRO Headquarters, a contractor panel of good contract documents, a mock bid-day, an architect/owner panel on good construction practices and a joint program with AIA on contract administration. We offered excellent technical programs on use of solid surface materials and a joint program with SMACNA on the topic of joint sealers. Both were followed by well-attended luncheon seminars that gave an in-depth look at specifications and project application which qualified for AIA Continuing Education System credits. In addition, we reached out in true holiday spirit to the Providence Child Center and had a lot of fun roasting our good friend Ken Searl. The year was topped off by an outrageous golf tournament destined to become a CSI classic!

What a great year it was! With the continuous need for education and team networks, we expect attendance to remain very strong. And you are welcome to participate in producing any, or all, of the programs next year. Please contact Jody Moore at 284-6799 to join in the fun.

Jody Moore CCPR CSI

CSI MEMBERS HONORED BY SCOUTS

On May 5, 1994, the Columbia River Girl Scout Council sponsored a "Woman of Distinction in Architecture and Design" dinner at Atwater's. Of the more than 80 attendees, five were members of the Portland Chapter CSI: Mary Alice Hutchins, (CSI Member #97), Margie Largent, Mary Kathleen (Kitty) Meyers, Dorothy Ann Payton and Candace Robertson.

Thanks, Scouts!

Margie Largent, Archivist



Mr. and Mrs. Don Peck



M.A. Hutchins
Margie Largent
Ivan McCormick

NATIONAL CSI CONVENTION RECAP

Twenty nine chapter members attended the '94 CSI National Convention in San Francisco, California, June 23 to 26:

John Lape, Tim Cockburn, Lee Kilbourn, Jody Moore, Mike Watson, Jim Wilson, John Gratteri, Mike Williams, D.R. "Skip" Brown, Ken Searl, Inge Carstanjen, Ivan McCormick, Gunnar Forland, Margie Largent, Mary Alice Hutchins, Doug Isaacs, Don Peck, John Lamb, Dick Ehmann, Jim Rother, Gloria Rasmussen, Frank Calabrese, Dale Gross, Bruce Brown, Bob Hoffman, Garland Davis, Joe Maleszewski, Dick Kissick and Midge Johnson.

Mahalo (Mary Alice Hutchins) and I attended the SCIP meetings (Specification Consultants in Independent Practice) prior to the official opening ceremonies. Charlie Schrive was a speaker at SCIP and I wanted to meet and speak with him regarding a possible Portland "Engineer's Specifications" meeting next year. You will be hearing more about that in the months ahead. At SCIP, there was much discussion of the proposed changes to Masterformat.

The Speak-Up Meeting had a two-part round table format with a professional forecaster in charge. The first part was very swiftly presented with little time to study each item. It listed "Forecasts" that we marked either "CHANGE", "KEEP", or "QUESTION (?)". During the second part, "External Data", we listed objectives that we hope (CSI) to accomplish by the year 2000.

I thought that the high point of this meeting was a loud announcement (speaking-up) made to the entire group by CSI member Donald M. Steder, of Miami, Florida, that the Portland Chapter had a great new award, Bid Document Award, in response to a discussion re the CSI Annual Award, in response to a discussion re the CSI Annual

Specification Competition being limited to "Built" projects. He also added that The Predicator was the best chapter newsletter in the entire Institute!!! Good speak-up!!

The Opening and Awards Ceremony had good things for our chapter (see photos) and our region. Next year we need to be sharper and quicker and get our publications in for consideration as well as some deserving individuals -- we have some. The opening keynote speaker, Jim Angle, was thought provoking, but the invocation by Rabbi Pierce was the most provoking and carefully built of all the invocations I have heard at conventions (quite a few!). I hope we can get a copy to print in this newsletter.

The closing keynote speaker, William McDonough AIA, was, according to the Official Program and Exhibit Guide, predicting the direction the country's environment will take, including items such as Wall-Mart to Eco-Mart. Some of the bad news he laid on us didn't sound so bad to me, for instance, the environmental pollution is having a negative effect on human reproductive capabilities this might solve a lot of our environmental problems, non? Fewer people, less environmental degradation.

Some other observations, if you are still reading. San Francisco is very water and energy conscious. The Convention Center did not have hot water, at least in the female restrooms, the light levels were very conservative and the sound systems for speakers in education sessions was very poor. Too much bass? Takes less energy? Speak-up!!

Margie Largent

PS: "Walking to Moscone" may become a hit, but my feet still hurt. I do approve of the environmental aspect of fewer busses. Force us to register early and get the headquarters hotel next time. Ken knows!



"Skip" Brown, John Lape, Tim Cockburn



Margie Largent and Mary Alice Hutchins are seen here shaking the many hands of a statue found near Moscone Center. I'm not sure what the artist had in mind four hands, extra fingers, several legs, face in layers? ? Interesting but confusing, sort of how I feel when talking with a politician! IAC



WOW!!! Some serious conversation at the Sherwin Williams Hospitality Suite: M.A. Hutchins and John Lape.

IMPRESSIONS FROM SAN FRANCISCO

Just returned from "THE CITY"... not really a "once in a lifetime trip, since I go there often, but having been in San Francisco under the auspices of CSI is a whole new story!

I saw many familiar faces, more than 30 from the Northwest Region. I attended several education seminars, and specially enjoyed "Innovate or Die", presented by Mike Bell of the Construction Group of Englewood, Colorado. Asking us to meet the challenge of innovation, he discussed paradigms (for the patterns of behavior we have) being willing to change to creative thinking, and, to coin a phrase, JUST DO IT!!

William McDonough, architect and futurist, was the closing keynote speaker who discussed concerns for future generations, sustainable communities and using available resources in a responsible manner. We ordered a tape of his discussion.

I did some sight-seeing. Spent one morning "cruising" the trade show and then walked up Market Street to meet my daughter-in-law for lunch. Later, we treated ourselves to ice cream at the Embarcadero Promenade (reminded me of the marina area in the south waterfront park in Portland). San

Francisco must have hauled at least ten truckloads of sand and crated a "beach" on the parkway with two volley ball courts. We were all entertained by some very avid players (when do these people work?).

Market Street... street musicians, sidewalk shops (cardtables), many shoe shine entrepreneurs. The premises of one of the more ambitious are shown in a picture next page - probably would never succeed in Portland ... just doesn't present the "right image") and lots and lots of lost souls hopin' for a dollar.

Final comment: The Sun Coast Magazine (copy handed out at the show), had a two-page spread of a coffee house remodel in a San Francisco office building ... 365 square feet at a cost of \$1 million dollars. I figured this to be about \$2,700.00 a square foot. I hoped the figures were wrong! Could it have been the 27 feet high ceilings? Or the hand painted murals? Carved marble? ... and it seats 15 people. Nice job! (I do not think it was on Market Street.)

Inge Annelise Carstanjen CDT

PORTLAND CSI CHAPTER AWARDS

The following awards were presented June 17, 1994, at the CSI dinner held at the McMenamin's Edgefield Manor:

Certificate of Merit and Appreciation

Marty Lundell CDT

Vicki Miller

Jody Moore CCPR

Jim Rother Jr. CDT

Education Award

D.R. "Skip" Brown CCS

Special Award

Les Seeley

William Clark Jr. CDT

President's Certificate

Lee Kilbourn FCSI FAIA CCS

Citation Award

Ken Searl FCSI CCS

Al Hansen Memorial Award

Inge A. Carstanjen CDT

Around the Region - A Calendar of Meetings

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

Cook Inlet, Anchorage, Alaska

Third Tuesday

Ken Maynard (907) 276-4218

Idaho, Boise

First Tuesday

Scott Henson (208) 345-6677

Mt. Rainier, Tacoma, Washington

Third Tuesday

Cheryl Rue (206) 383-3084

Portland, Oregon

Second Tuesday

Jody Moore (206) 574-3449

Puget Sound, Seattle, Washington

Second Thursday

Relta Gray (206) 328-3393

Capitol, Salem, Oregon

Second Thursday

Darwin Doss (503) 327-6633

Spokane, Washington

Second Thursday

Tom Crossan (509) 327-6633

Willamette Valley, Eugene, Oregon

Last Thursday

Paul Edlund (503) 485-1941



SHINE?

Entrepreneurial spirit, Market Street, San Francisco

Portland Chapter Leaders 1994-1995

President
 John Lape CCS 243-2837
 President Elect
 Dale Kuykendall CDT 777-5531
 1991-93 President
 Jim Hirte CDT 620-0106
 Secretary
 D.R. "Skip" Brown CCS 224-6040
 Treasurer
 Vicki Miller 226-3508
 Executive Director
 Margie Largent 620-6573

Board of Directors

Larry Chew CCS, Prof. '95 226-1575
 Pat Murphy, Ind. '95 777-2204
 Jim Wilson CCS, Prof. '95 222-1917
 Gunnar Forland CDT Ind. '96 228-4270
 Ed Fatz CCPR, Ind. '96 646-5593
 I. McCormick CCS, Prof. '96 292-3958

Committee Leaders

Awards
 Ed Fatz CCPR 646-5593
 Certification
 D.R. "Skip" Brown CCS 224-6040
 Editor
 Gloria Rasmussen CCS 635-3199
 Assistant Editor
 Inge Carstanjen CDT 635-6227
 Membership
 Lee Kilbourn FCSI, CCS 224-3860
 Products Rep Share Group &
 Products Fair
 William Clark CDT (206) 258-8486
 Program
 Jody Moore CCPR 248-6799
 Technical
 Paul Wilson CCS 242-0123
 Bylaws
 Ken Searl FCSI CCS 362-3472

Institute Responsibilities

CCS Implementation Committee-Ad Hoc
 Jim Robertson FCSI CCS 342-8077
 Jury of Fellows
 Dave Thomas FCSI (206) 337-8971
 Technical
 Chris Bushnell CCS (206) 357-9988
 Education
 Ron Eakin 686-3355

Region Responsibilities

Awards
 George Eidman (208) 345-7127
 Education
 Jeff Callahan CDT (907) 753-3243
 Membership
 Vance Taylor (907) 563-5570
 Publications
 Brad Williamson CCS (206) 623-4646
 Technical
 Jim Wilson CCS 222-1917
 Certification
 Sandi Velleca CCS (907) 349-5148
 Planning
 Elliot Mohr (509) 535-0683

Institute Directors - Northwest Region

Jim Chaney CDT
 McKenzie Commercial Cont.. Inc.
 865 W. 2nd Avenue
 Eugene, OR 97402 343-7143
 Jim Adkins CCS
 Specifications Consultant
 8625 NE 26 Avenue
 Seattle WA 98115 (206) 528-3744

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

The Predicator

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THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 3

October 1994

Celebrating 1994 Portland Architecture Week
"Portland Design: A Public Concern"
The Making of the Oregon Arena
Monday, October 17, 1994

From its inception, Oregon Arena Corporation's Rose Garden has been a source of public concern. The most prominent construction project on the Portland skyline, the Rose Garden promises to continue to engage the public as a gathering place for sports events, as a financing partner, and as a symbol of Portland's growth into a major metropolitan center.

Join us on October 17 for a special Architecture Week presentation by the Oregon Arena team. **Christee Sweeney, Director of Corporate Communications** for the Portland Trail Blazers, will present a panel lead by Blazer's President, **Marshall Glickman**. Joining Mr. Glickman, will be **Robert Collier, Senior Project Manager for the Oregon Arena Corporation, Kevin Khonstamm, City of Portland's point man for this project, and Steve Robinson, Drake-Turner Project Executive.** The presentation will give you information on the following issues:

- Planning:** Site selection, land use and transportation.
- Finance:** The innovative public/private deal that is at the forefront of a national trend.
- Design:** Program issues, the owner's wish list, and special criteria, unique features and building components.
- Construction:** The relationship among parties, challenges of sequencing the project, and special construction such as the roof system, which appears simple, yet is very challenging to construct.

Entries for this year's AIA design awards will be displayed at the meeting. Preview the entries during the social hour, 5:30 to 6:45.

The Making of the Oregon Arena - October 17, 1994

Atwater's - Floor 41 of the US Bancorp Building,
111 SW 5th Avenue, Portland

Meeting not limited to CSI members, but reservations are required by Friday Oct. 14

5:30 No host bar - 6:45 Dinner
7:45 to 9:00 Program
Dinner Cost: \$20.00 with reservations,
\$25.00 at the door; cash/check/Visa or
Mastercard only; NO Amex/Discover

RSVP by Noon, Friday 14
Call the Association office at
(503) 223-8231
Can't make dinner?
Come for the Program at 7:45

The President's Message

John Lape CCS, President

This month we are changing our usual chapter meeting schedule to Monday October 17, 1994, to permit us to participate in the second annual Architecture Week. In fact, many of our meetings this fall are scheduled for different dates, so watch your calendar carefully!

We are pleased to again be a major sponsor of Architecture Week and look forward to the continued spirit of cooperation between CSI and AIA as well as other organizations in our industry. There will be many functions occurring during Architecture Week with our program, Women in Construction, and the AIA Awards banquet to name just a few. There will be posters and calendars available and I encourage you to participate in this event geared toward elevating the public consciousness of Architecture.

September marked the holding of the annual Region Conference. This year it was held in Newport, Oregon, at the Embarcadero Resort Motel. The Willamette Valley Chapter did an excellent job of arranging the Conference and the weather generally cooperated. The weather was clear on Saturday afternoon during a free time, and Sunday was a magnificent day on the coast.

There were over 120 people signed up for this conference, including the following from our chapter: James Chaney, Joe Maliszewski, Inge Carstanjen, William Clark, Edward Fatz, Rick Heiserman, Lee Kilbourn, Dale Kuykendall, John Lape, Margie Largent, Michael Madias, Jody Moore, Michael Watson, Jack O'Brien, Ken Searl, Midge Johnson, Dick Kissick.

On Thursday afternoon the Coordinating Council met, and among other things, approved the nomination of Dick Kissick to be put forward as the sole name to replace Jim Chaney as the Institute Director next year. Dick will be on the Institute ballot this winter along with other Institute positions. Dick is a past President of the Mount Ranier Chapter as well as a member of our chapter and several others. In addition, he is a personal friend and I wish him well.

The Friday schedule was dedicated to the A.D. 2000, A Construction Odyssey Seminar. There were eight extremely well qualified individuals representing various facets of our industry. They each speculated on the future and how our business will undoubtedly change. There are many unknowns, but one thing is for certain; computers and electronics will pay a large part.

On Saturday, two groups of four round tables were held concurrently. The round table concept certainly gets stretched when there are up to 18 persons in a group, but the discussions were worthwhile. I attended the Leadership Conference round table in the first session. This discussion focused on ways to improve the annual Spring Leadership Conference held in

Tacoma. The group emphasized the need to keep this conference focused on leadership and training that can be best utilized at the chapter level and in our businesses.

I led the Products Fair round table, held in the second session. There was excellent participation and a sense of cooperation by the chapters in the Region. The purpose of the round table was to avoid schedule conflicts for future chapter Products Fairs. We were able to work out a very equitable settlement with very little change in scheduling. Our chapter will retain the latter portion of April as our allocated time and have a minimum of 15 days separation between our show and the show that Willamette Valley and Eugene alternate.

Saturday afternoon was free time and many of us went to visit the Oregon Coast Aquarium in Newport. I am always amazed to see the forms and colors of the plants and animals that live in the sea.

Saturday evening awards banquet marked the end of the scheduled activities for the Conference. It was a chance to say goodbye to some friends in the Region, until we meet again at future conferences. Our chapter received two well deserved awards this year. Inge Carstanjen received a Director's Citation for her work with new member orientation, in particular, the pocket-sized folder that is given to each new member. Our chapter also received a Director's Citation for our Share Groups. It was recognized that these are a great way to get many people involved and provide yet another avenue for member participation. Next year's conference will be held in Sun Valley. The Idaho Chapter has been working on this Conference for well over a year and it should be a good one.

NOTICE:

No minutes were taken at the informal Board Meeting held in July.

BS BY KS

Basic Specs by Ken Searl

This month, I am going to discuss several items. In recent weeks I have held discussions with many people regarding their thoughts and views on Specifications and Project Manuals. For one thing, there are several persons with the opinion that Project Manual should not be called "Project Manual" or "Specifications". They state that it should be called either "Work Manual" or "Manual of Work". Their explanation is that specifications are written for the Work, not the Project. It is noted that many chapters of Manual of Practice and Section Format refer to "The Project". Apparently the term "Project Manual" was promoted by the AIA in the mid-Sixties and was adopted by the CSI in the mid-Seventies. AIA describes "The Work" as construction required by Contract Documents and "The Project" as the total construction. There has been some confusion about this item and it is recommended that changes be made to the Contract Documents.

Next item of discussion is one of my favorite subjects, Substitutions. Presently, the CSI Northwest Region is in the process of updating and considering their Substitution Request form, including needed changes with suggested new wording for inclusion in Contract Documents.

I don't believe it is normally in the best interests of the Owner to allow "after bid" substitutions, except under certain conditions. I suggest the following wording or similar be placed in the General or Supplementary Conditions or in Division One.

After bid substitutions permitted only as follows:

1. *Manufacturer ceases operation or approved products or systems are no longer available. Contact Architect immediately if this occurs.*
2. *Owner or Architect requests a substitution.*
3. *Changes in contract time and cost if applicable will be considered.*

4. *If it can be shown that specified product or system is not well suited for proposed application or that another is superior. Detailed documentation must accompany request for substitution.*

Last item of discussion is Reference Standards (ASTM, ACI, PCI and others). Before listing or referring to any Reference Standard, be sure you read and understand specified standard. I remember a few years ago I specified a certain wall system and referred to a Gypsum Drywall Standard which included stud spacing.

Well, I did not pay enough attention to what was specified in the standard. Yes, you guessed it, we needed 16" stud spacing O.C. but we ended up with 24" stud spacing because that is what the Standard listed.

In the July Issue of PCI's Concrete Technology Today there is a discussion on page 1 entitled... "Concrete Specifications: Read and Write Them Carefully". In this article a good example is given wherein an interpretation can cost a contractor the profit on a job. A contractor bid a concrete floor job which incorporated "Specifications for Structural Concrete for Buildings" (ACI 301) by reference in contract documents. Section 11.7.3 of ACI 303 states that troweled surfaces be essentially free of trowel marks.

The contractor bid on the assumption that trowel marks referred to small irregularities that could be seen or felt, such as chatter marks or ridges produced at the end of a trowel blade. Owner would not accept this floor finish. ACI 301 doesn't define the term "Trowel Mark" nor does PCI or several construction dictionaries. Don't know how all this ended but I do know one better specify a single or double hand steel trowel finish in addition to above references, or, don't use any references and specify just what you want.

The crux of the whole thing is to write your specifications with the thought in mind to avoid any future litigation.

The Secret Garden

Gloria Rasmussen CCS

A few months ago, it was called to my attention by two very good friends of mine, that the Specifier's Share Group, which meets Wednesdays at noon, was a "very secretive organization, since outsiders never really know what this group of conspirators is up to."

During the meeting of Wednesday, September 21, I mentioned this to the members who were present, and after some minutes of serious deliberation during which everybody tried to top each other's outrageous remark ("We boil bat wings and put curses on people"), I suggested writing in The Predicator about our meetings, and got the go ahead. So this is it:

Mr. Kilbourn, sitting in a room crammed with one of the finest group of specifiers in the nation, demonstrated the AIAEDS (AIA's Electronic Documents Service for Windows). As a subscriber to this service, you receive a software program which contains more than 75 AIA documents (contract forms and others), commentaries and explanatory notes, as well as editing capabilities. You can print as many documents as you need (no more trips to the AIA office), edited if you want, so the prints include all your modifications. The AIAEDS documents look like the regular printed documents, so they are easily recognized. This service is updated periodically, and has a customer support number for technical assistance. The license for its use has to be renewed every year.

This is a great deal for offices that produce several project manuals a year. However, for smaller firms, the volume of work might not justify the cost of the service. Also, according to the AIA, the service cannot be used by independent specifiers writing for a client, because it would amount to the sale of AIA documents by the specifier. The only way an independent specifier can use the program is for the client to buy the program - thus becoming the licensed party - and allowing the specifier to use it for that client's projects only. Another drawback is the printing time; it takes a long time. If you would like some more information about this service, call the AIA at 1-800-246-5030 (I called the local chapter and could not get any information from them.)

The members of the Specifier's Share Group are: Larry Chew CCS, Rick Heiserman, Julie Bronder, Bob Easton, Wesley V. Korman, John Lape CCS, Skip Brown CCS, Dennet Latham CCS, Michael Madias CCS, Ivan McCormick CCS, Kitty Myers CCS, Dennis Obert CCS, Gloria Ramussen CCS, Candace Robertson CCS, Lynn Hilbert, Isaac Tevet, Ray Totten CCS, Bruce Townsend, Jim Wilson CCS, Paul Wilson CCS, Art Derosia.

ENORMOUS
ARCHITECTURAL



MY HONEST OPINION, ERNIE? I THINK YOU HAVE AN EXCELLENT GRASP OF DESIGN PRINCIPLES, A KEEN INTELLECT AND A BALANCED WORLD VIEW. I'M AFRAID THERE'S NO FUTURE FOR YOU IN ARCHITECTURE.

Notice of Change in Policy on Meeting Dinner Charges

Portland CSI proudly presents ten dinner programs a year, and we greatly encourage everybody to attend. Everyone is always welcome. If you choose to do so, you can attend only the presentation, without having dinner.

In the past, we have asked for dinner reservations by the Friday preceding the meeting, and have done everything possible to accommodate those who arrived at the door without reservations. In addition, there have always been a number of persons who make dinner reservations and do not show up. These discrepancies increase the cost per meal.

In order to maintain the cost of the dinner for those who make reservations and attend, starting with the October 17 meeting we will implement the following:

- The cost of dinners with reservations by the prior Friday will remain \$20.00.
- The cost of dinners at the door, without reservations, if available, will be \$25.00. We will serve only 5% over the number of reserved dinners.
- Persons who make dinner reservations and do not attend, will be billed for the cost of the dinner.

Please mark your calendars, and, if you want dinner, don't forget to call by Friday - 223-8231!
We enjoy having you around!!

Annual Autumn Tour
PCC Sylvania Campus
September 13, 1994



Lobby, Forum Theater Building



Lobby, Forum Theater Building



Atrium Area, Learning Resource Center

Northwest Region Conference
Newport, Oregon
September 8 - 10, 1994



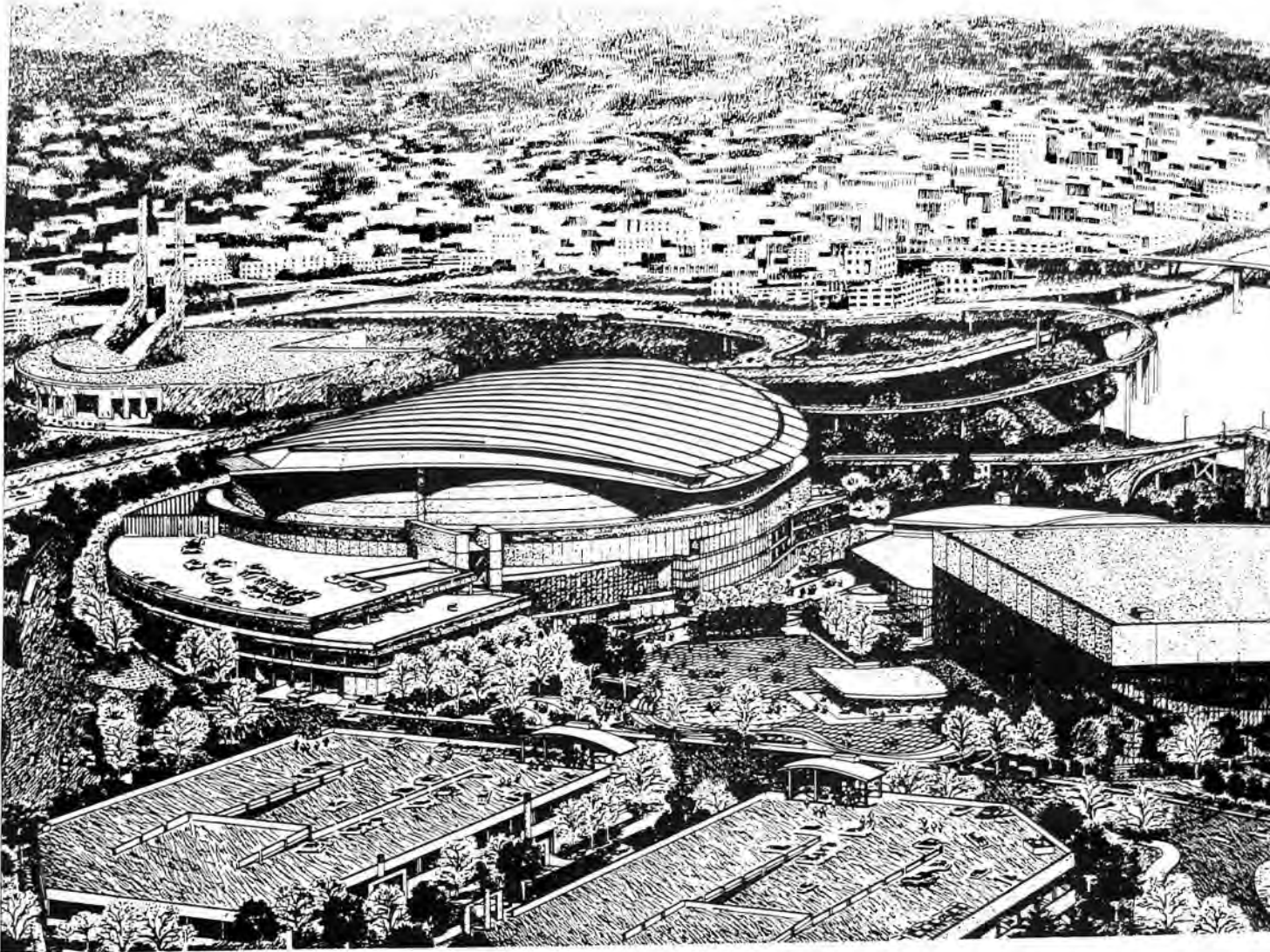
Mr. and Mrs. Ed Fatz with
Mr. and Mrs. Seth Jackson FAIA, Seattle



Robert Hockaday FCSI, Hawaii, speaker at the Region
Conference, here with Ken Searl FCSI



Portland Chapter President John Lape visiting with
Institute VP Tom Montaro FCSI and his wife Martha,
Florida, and other conference participants at cocktail
hour.



LETTER TO THE EDITOR

J.P. "Perky" Kilbourn, Ph.D.

July 20, 1994

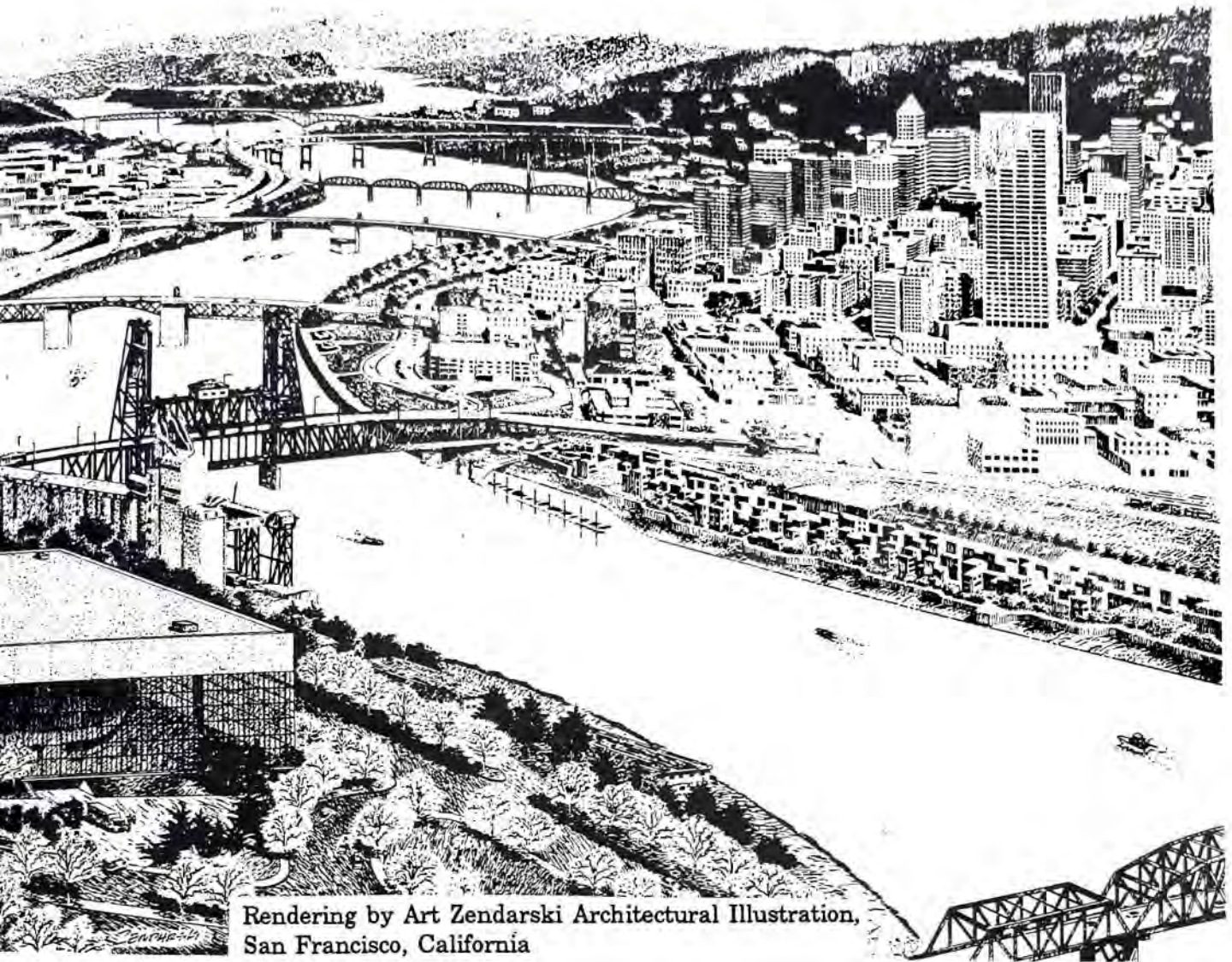
It has been more than a month since the 38th. Annual Convention and Exhibit of CSI in San Francisco. In a weak moment, I told Margie Largent I would write a story for The Predicator.

The first Keynote Speech was by Jim Angle. Angle gave an excellent overview of the society in which we live from the point of view of someone from Washington D.C.

I attended the Technical Session "The Dynamics of Selling to Design Professionals" by M. Tim Welch, Vice President Marketing/Won-Door Corporation. Welch had a handout which contained the major points of his presentation and his closing points are worth repeating:

- WHAT do I want to accomplish?
- HOW will the goal be accomplished?
- WHEN will this goal be accomplished?
- WHY should I accomplish this goal?

I also attended "Landfill Archeology" by William L. Rathje, Ph.D. Rathje teaches anthropology at the University of Arizona. His talk was on the Garbage Project, which he directs, and where he and his students are literally examining garbage from the landfill. The information he has obtained about what people away is educational and shows that most garbage in a landfill is not being destroyed. Landfills are holding places for garbage. This confirmed my hypothesis - garbage does not degrade unless the microorganisms in the garbage are given some opportunity to utilize the garbage. Rathje reported that the only landfill where biodegradation of garbage had occurred was one where water flowed into and out of the landfill.



Rendering by Art Zendarski Architectural Illustration,
San Francisco, California

Sunday, after the church service, I went to hear Vanna Novak, whose husband is a member of Puget Sound Chapter. I had heard her speak before, but I felt I would learn something new if I attended, and I was not disappointed. Her talk "Winning Clients to Powerful and Persuasive Presentations", was well organized and provided some new perspectives on preparing presentations. I especially liked her leading statement which I seem to use a lot:

"Communication is not what you said or thought you said. It is what they hear and what they think you meant. Therefore, communication is not intent, it is perception, and perception equals reality."

William McDonough was the closing Keynote Speaker and did a continuation on some of the ideas he presented last year. The key point McDonough made was to ask us to think about the interdependence of things. A house is a machine for living, not a living

machine; an office is a machine for working, not a working machine; a church is a machine for worship, not a worshipping machine. The wrong questions may be asked in the process of designing things. The concept of waste is not valid - everything should be in continual use, rather than life cycle, not "cradle to grave" but "cradle to cradle". Once something is no longer useful as it currently exists, it should be changed into something that is useful. Planned obsolescence is not a viable option.

I enjoyed myself at the National CSI Convention, and am looking forward to next year in Minneapolis.

CSI Bid Documents Awards

Jim Rother

The CSI Bid Documents Awards will have a slightly revised format this year with the Contractor's Share Group coordinating the nominations and ultimately granting the Award. Instead of all projects being eligible, this year's award will be given to one of eight projects that have been nominated by the Contractor's Share Group.

The actual voting will be done by the owners, and by the contractors and subcontractors who worked on the projects. All the parties in the construction process will be given questionnaires regarding various aspects of the project, and will be asked to give a rating to each project between 1 and 10 in each category. The project that has the overall highest average rating will win the Bid Document Award. Some of the categories will be: 1) Consistency of the specifications and drawings; 2) Were subcontractors able to bid without major exceptions; 3) Coordination of architectural with structural, electrical and mechanical drawings; 4) Architect's response to questions by bidders during the bid period; 5) How tight was the margin among bidders; 6) Clarity of alternates, and many others.

Each nominee will be profiled monthly in The Predicator. Our May CSI program will give us the opportunity to hear presentations by the project teams of the eight nominated projects and to find out why they were chosen. The Bid Document Awards will be given at the June Awards Banquet.

Contact Dale Kuykendall at (503) 777-5531 if you wish to nominate a project for the Contractor's Share Group consideration.

Article reprinted from the September issue for emphasis



LET'S SEE IF THIS STRATEGY WILL FLY—
IF WE DON'T GET TO SEE THE DRAWINGS,
THE FED DOESN'T GET TO SEE OUR
BID UNTIL WE FINISH THE JOB.

This is the second in the series of projects in the Oregon/Southwest Washington area nominated for "good construction documents".

Project Profile

The Contractor's Share Group

SECOND FLOOR REMODEL - FEDERAL RESERVE BANK

Portland, Oregon

The Federal Reserve Bank, a four story building in Downtown Portland, has been undergoing remodeling on a floor by floor basis to abate the building of asbestos and to revitalize an existing building that is structurally sound and was designed by Pietro Belluschi.

The perimeter of the building is structural concrete with an interior steel frame. The marble exterior of the building, including the existing steel frame windows was left as is. The interior was gutted, except for the elevator and stair shafts. New walls and ceilings were installed. The HVAC, electrical and plumbing work were replaced, except for the core utilities.

According to the subcontractors contacted, the documents were clear, concise and well coordinated. Addenda were issued promptly and were minor in nature. The architect had previously designed the remodeling of the third and fourth floors, which were already completed, at the time this project was built.

OWNER	Federal Reserve Bank of San Francisco
ARCHITECT	Architects Barrentine Bates Lee AIA Lang Bates AIA, Project Architect Ray Totten AIA CCS, Project Manager Susan McCune, Interior Designer
MECHANICAL/ ELECTRICAL ENGINEER	Glumac and Associates Ed Kirchner, Senior Engineer Rim Wilson, Mechanical Engineer Greg Kienle, Electrical Engineer
HARDWARE CONSULTANT	Simms & Associates Hal Elder, CSI AHC
GENERAL CONTRACTOR	Armes & Associates Jack Armes, Project Manager
MAJOR SUBCONTRACTORS	Masonry: Schulzki's Masonry Gypsum Board, Insulation, Fireproofing and Acoustical: Western Partitions Ceramic Tile, Carpet and Resilient Flooring: Don-Frank Company Painting: Williamsen & Bleid Mechanical: Atlas Heating Fire Protection: Master Fire Control Controls: Johnson Controls Electrical: Omni Electric

The Contractor's Share Group members are: *Donna Armstrong CDT, Jerry Harris, Nash Hasan, Ed Loy CDT, Marty Lundell CDT, Jim Rother CDT, Matt Winkler*

Bits and Pieces

from here and there

RECRUITMENT FOR BUILDING PLAN EXAMINER II, City of Portland, Bureau of Buildings

The City of Portland, Bureau of Buildings, will be recruiting for Building Plan Examiner II in October 1994. Plan Examiners review building permit applications and a full range of building plans, plot plans, and specifications for the erection or alteration of commercial and complex residential structures. Plans are reviewed for compliance with applicable codes, laws and ordinances. Plan Examiners meet with owners and design professionals to advise them of code requirements and necessary plan corrections. Some of the position requirements are: (1) Knowledge of construction practices, methods, materials and codes; (2) Skill in reading and interpreting building plans; (3) Excellent public relations skills; and, (4) State of Oregon Plan Examiner certifications. Salary: \$17.19 to \$20.79. To receive an application, call Ms. Pirjo Dewing at (503) 823-7423 (TDD: (503) 823-6868).

The City of Portland is an equal employment/affirmative action employer.

EDUCATION AWARDS

Ron Eakin CDT, Member,
Institute Education Committee

You may think that all award nominations are submitted to, and reviewed by, the Institute Awards Committee. However, two honors come under the purview of CSI's Education Committee: The Education Commendation and the Dale C. Moll Student Activity Fund.

Here are two opportunities for chapter officers and chapter education chairman to recognize, on a national level, their members who have worked on CSI educational activities and functions. The Institute's Educational Committee is on an active hunt for good candidates. We need your help.

The Education Commendation recognizes significant education contributions in areas related to the purposes of the Institute. The nominee can be an individual, chapter, firm or organization. The Education Committee can recommend to the Executive Committee as many as five commendations each year.

The second honor coordinated by the Education Committee is the Dale C. Moll Student Activity Fund. This is a fund established to promote a greater awareness of CSI to students completing studies in construction-related education programs. They must have at least one year left in school. This fund provides transportation, lodging and registration to CSI's Annual Convention and Exhibit for successful applicants and their faculty sponsors.

What an excellent way for CSI to become active and recognized in institutions of higher education.

Nominating worthy candidates for either honor is easy: Just review

the nomination procedures on pages 29-130 and Appendices M-11 to M-19 of the July 1994 *Administrative References*.

Nominations are reviewed by the Education Committee which then forwards its recommendations to the Executive Committee for approval.

Remember, the deadline for receiving nominations is February 1, 1995. Send your nominations to:

Kathy S. Proctor, CDT CSI
Education Committee Chair
The Construction Specifications
Institute, 601 Madison Street,
Alexandria VA 22314-1799

Editorial Policy

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

The Predicator is printed on 100% recycled paper using environmentally friendly inks and processes. Our regular contributors are John Lape, Ken Searl, Jim Rother, Marty Lundell and Ed Loy. We are grateful for the advice and guidance of Margie Largent and Lee Kilbourn. Our printer is Kinko's, and Gayle Vrla does the labeling and mailing. Material for publication should be submitted preferably in 3.5" or 5.25" discs, DOS or Windows. For deadlines and other requirements, call Gloria Rasmussen at 635-3199, or Inge Carstanjen at 635-6227.

Portland Chapter Leaders

President	
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President Elect	
Dale Kuykendall CDT	777-5531
1991-93 President	
Jim Hirte CDT	620-0106
Secretary	
D.R. "Skip" Brown CCS	224-6040
Treasurer	
Vicki Miller	226-3508
Executive Director	
Margie Largent	620-6573

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Pat Murphy, Ind. '95	777-2204
Jim Wilson CCS, Prof. '95	222-1917
Gunnar Forland CDT Ind. '96	228-7028
Ed Fatz CCPR, Ind. '96	646-5593
I. McCormick CCS, Prof. '96	292-3958

Committee Leaders

Awards	
Ed Fatz CCPR	646-5593
Certification	
Tim Cockburn CCPR	643-9480
Editor	
Gloria Rasmussen CCS	635-3199
Assistant Editor	
Inge Carstanjen CDT	635-6227
Membership	
Lee Kilbourn FCSI, CCS	224-3860
Products Rep Share Group	
Mike Beeson CDT	684-3187
Products Fair	
William Clark CDT	(206) 260-2337
Program	
Jody Moore CCPR	284-6799
Technical	
Paul Wilson CCS	242-0123
Bylaws	
Ken Searl FCSI CCS	362-3472

Institute Responsibilities

Nominating	
Jim Robertson FCSI CCS	342-8077
Jury of Fellows	
Dave Thomas FCSI	(206) 337-8971
Technical	
Chris Bushnell CCS	(206) 357-9988
Education	
Ron Eakin	686-3355
Marketing/Membership	
Dick Kissick CCPR	(206) 383-9790

Region Responsibilities

Awards	
George Eidam	(208) 345-7127
Education	
Jeff Callahan CDT	(907) 753-3243
Membership	
Vance Taylor	(907) 563-5570
Publications	
Brad Williamson CCS	(206) 623-4646
Technical	
Jim Wilson CCS	(503) 222-1917
Certification	
Sandi Velleca CCS	(907) 349-5148
Planning	
Elliot Mohr	(509) 535-0683

Institute Directors

Northwest Region

Jim Chaney CDT	
McKenzie Commercial Cont., Inc.	
865 W. 2nd Avenue	
Eugene, OR 97402	(503) 343-7143
Jim Adkins CCS	
Specifications Consultant	
8625 26th Avenue NE	
Seattle, WA 98115	(206) 528-4744

A Calendar of Region Chapter Meetings

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

Cook Inlet, Anchorage, Alaska	
Third Tuesday	
Ken Maynard	(907) 276-4218
Idaho, Boise	
First Tuesday	
Scott Henson	(208) 345-6677
Mt. Rainier, Tacoma, Washington	
Third Tuesday	
Cheryl Rue	(206) 383-3084
Portland, Oregon	
Second Tuesday	
Jody Moore	(206) 574-3449
Puget Sound, Seattle, Washington	
Second Thursday	
Relta Gray	(206) 328-3393
Capitol, Salem, Oregon	
Second Thursday	
Darwin Doss	(503) 327-6633
Spokane, Washington	
Second Thursday	
Tom Crossan	(509) 327-6633
Willamette Valley, Eugene, Oregon	
Last Thursday	
Paul Edlund	(503) 485-1941

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**PORTLAND CHAPTER MEETING SCHEDULE
1994 - 1995**

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Membership dues for one year are: Institute \$130,
Portland Chapter \$30.00, total investment \$160.
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315 SW 4th Avenue, Portland, OR 97204



Advancement
of Construction
Technology

THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 4

November 1994

Strategic Planning for Future Directions of Portland Chapter CSI

A Call to Action!
Tuesday, November 15, 1994

Remember when you joined CSI? You had an idea about this group that sparked your interest. We need to know about that spark and how brightly it is burning. How is CSI doing at providing what you were looking for when you joined?

Tuesday, November 15, Portland CSI is hosting Jim Mozena, a professional facilitator, to help look at our organization and identify our path into the future. In tables of 6 to 10 people, we will brainstorm answers to questions and ideas designed to help identify the directions our members want CSI to take.

As with any business or organization, Portland CSI has constraints on cost, time and human resources. With good planning, we can choose what we want the future to be. A clear sense of direction, goals, and focus, allows us to set a course and to know where we are along the way and when we have arrived!

Portland CSI wants to do the most with the best resource we have: you. Join us and share your opinions, dreams and vision for CSI. We can't second guess your ideas and needs. We are counting on you to **SPEAK UP!** and be heard on November 15. Plan to participate and make this the most dynamic meeting of the year!

Do not miss this exciting opportunity to influence the future direction of CSI! Call the Association Office at (503) 223-8231.

Strategic Planning for Future Directions of Portland CSI

Atwater's - Floor 41 of the US Bancorp Building, 111 SW 5th Avenue, Portland

Please make reservations by 5:00 P.M. Friday November 11; call 503/223-8231

Non-Members are welcome!

5:30 No host bar - 6:30 Dinner
7:30 to 9:00 Program
Dinner Cost: \$20.00 reserved,
\$25.00 later or at the door.
Cash/check/Visa/Mastercard only

Can't be with us for dinner?
Come to the Program at 7:30
"No-Shows" will be billed; you may cancel
until noon the day of the meeting -
be sure to obtain a cancellation number from the
Chapter Office.

The President's Message

John Lape CCS, President

RSKYBZ

Have you ever wondered what letters and initials stand for? I saw the above license plate recently on a little red sports car driven by a gorgeous strawberry blonde. I could not help but think of the movie with Tom Cruise and Rebecca DeMorney and question what message was being sent here.

Some people wonder the same thing about CSI. I have found that in recent years, there is far more recognition of our association than in the past. I don't get very many questions any more about the "CSI" initials after my name, but the "CCS" still raises eyebrows.

Our association now has far more to offer our diverse membership than simply good specifications. For our chapter meeting this month, we have invited a facilitator, Jim Mozena, to come help our chapter visualize some strategic for the future. What direction do we, as a chapter, and you, as an individual, want to see our chapter move in? What do you get out of CSI? Or, what do you do not get out of CSI but want to? Why did you become a member, and stay a member, or are considering dropping membership?

These are very important questions for the future of our organization. We are a dynamic, vibrant chapter, with a growing membership in a national organization that has shrunk over the past few years. What makes us work, but also, what can we do better? As a board member and/or

President for the past five years, I have come to realize that our Chapter leadership needs a focus and direction identified by our members. We, as Chapter Presidents, accept our terms of office, but are mostly directed by personal agendas rather than an overall Chapter focus. I think we can do better.

Last year, we had a planning committee that identified some guidelines. Our facilitator has met privately with representatives of our organization earlier this month. These individuals represented the young and the old, male and female, new member and long term member, architect, product representative, and contractor members of our chapter.

Now, it is time for you to be heard. We will work in round tables after dinner, and try to visualize our future. Please plan to participate in this process.

I am particularly interested in the timing of this meeting. November is traditionally election month in our country. In fact, we changed from the second Tuesday to the third Tuesday of the month to avoid a conflict with our elections. Both processes help shape the future. We will also be having a new member orientation prior to our chapter meeting. I am particularly interested in the input of our new members. Please make them feel welcome in this process. Their reasons for joining and what they hope to gain from our group are important.

Why Delete CSI's 12 Mission Statements?

A mission statement is a singular, philosophical statement that is rarely obtainable and gives focus for everything that follows after it. CSI's 12 mission statements more closely resembled goals - outcomes the organization wishes to achieve by a certain designated time. To come more in line with CSI's planning process, CSI's Board replaced the 12 mission statements with ten new goals based on the input from CSI members at the June 1994 Speak-Up Meeting.

This article was reprinted from *NEWSDigest*, 10/94, to better inform the members of Portland CSI about our nation-wide association concerns, specially in light of our next meeting program.

CSI ADOPTS NEW GOALS; DELETES MISSION STATEMENTS

A culmination of many years of hard work in the planning process finally came to fruition when, at its September meeting, CSI's Board adopted 10 goals to replace the 12 mission statements currently in use.

These goals reflect the ideas and thoughts that CSI members expressed during the Speak-up Meeting at CSI's 1994 Convention and Exhibit. CSI collected those ideas and categorized them into clusters. From the clusters, the goals were developed. According to President William F. Riesberg, FCSI, CCS, "We have crafted our goals in such way that they can be used not only by the Institute, but by the regions and chapters. A chapter, for example, can now ask itself, 'How might this chapter help CSI achieve these goals?'"

The next step in CSI's planning process is to develop objectives that will fulfill these goals. In November, the Executive Committee and the Chairpersons of the Technical, Education, Certification, and Marketing/Membership Committees will concentrate on completing that step in the planning process.

CSI's Mission: To advance construction technology through communication, education, research, and service.

CSI's Adopted Goals, September 17-18, 1994

- **Image:** By 2000, CSI will have enhanced its image and expanded the perception of CSI beyond specifications and formats.
- **Products:** By 2000, CSI will be the leader in providing quality programs, products and services for the organization and use of construction information.
- **Product Delivery:** By 2000, CSI will have all appropriate Institute programs, products and services available in electronic form.
- **International:** By 2000, CSI will have programs, products, and services to enhance its international presence.
- **Finance:** By 2000, CSI will secure and ensure continuing sources of revenue to achieve CSI objectives.
- **Member Service:** By 2000, CSI will be an organization responsive to the defined needs of its members.
- **Chapter Relations:** By 2000, CSI will have programs, products and services that will assist chapters and regions to serve the needs of their members and the construction industry.
- **Membership Growth:** By 2000, CSI will have new programs, products and services to expand its membership throughout the construction industry.
- **Education:** By 2000, CSI will have education programs for the membership and construction industry utilizing the most advanced instructional technologies and teaching and learning methods.
- **Certification:** By 2000, CSI will have increased the recognized value of CSI certification to the construction industry.

PORTLAND CHAPTER CSI BOARD OF DIRECTORS

MINUTES OF September 6, 1994 MEETING

D.R. "Skip" Brown AIA CCS, Secretary

The meeting was called to order by President John Lape at 12:00 PM at the AIA/CSI Office.

PRESENT: Brown, Chew, Fatz, Forland, Hirte, Kuykendall, Lape, Largent, Miller, Murphy, Wilson.

ABSENT: McCormick.

ALSO PRESENT: Lee Kilbourn, Jim Dufala

Discussion

Approval of Minutes: Minutes of the June 7, 1994, Board of Directors meeting were amended as follows: Item 1 under "Correspondence Report": Spelling for "Brockamp"; and the next meeting announcement was changed to October 4, 1994 at the AIA/CSI Office, indicated on the Agenda. The minutes were approved with these corrections.

Treasurer's Report

1. Chapter budget expenses for last year (93-94) are due within two weeks.
2. John Lape noted that there exists a company in Lake Oswego titled "Construction Specifications Inc." which banks coincidentally at the same branch. Just a note of caution for everyone.

Correspondence Reports

1. Education: Applications for CEU's and AIA Educational Units are available and should be used by all committees when applicable.
2. New Member Orientation: Pat Murphy has enlisted Linda Joens to organize the New Member Orientation Committee. The first orientation is scheduled for 5:00 P.M., Monday October 17, just prior to the regular chapter meeting.

Old Business

1. National Education Seminar is scheduled for next February.

2. Retired Member Status: Continue to review possible alternatives to help subsidize some CSI retired member costs.

New Business

1. Products Fair: Region-wide coordination of Products Fair is necessary to identify possible "windows" for each chapter to schedule their product fairs without region conflicts. April/May looks to be Portland Chapter "window". Products Fair is scheduled for May 2, 1995. John Lape hopes to resolve this problem at the Regional Coordination Council meeting, scheduled for the morning of Saturday, September 10, 1994.
2. Chapter Meetings: Reservations for meetings are taken by the Association Office (AIA/CSI). This presently is the best solution and can be improved by instituting better procedures for taking telephone reservations. Name tags will be provided for those who make reservations, thus alleviating the "computer timing" problems of creating on-site name tags. A motion to increase cost for "walk-in" diners to \$25.00 was made and passed. This should provide more incentive to make reservations. No-shows will still be billed the \$20.00 dinner cost.
3. IRS letter concerning penalties has been resolved with tact and professionalism by John Lape (no, you can't ask him to review your taxes). There will be no fines or changes to Portland Chapter CSI tax status.
4. CSI Foreign Chapter Sponsorship. Jim Dufala presented information about Russia concerning CSI and its opportunities to develop an international chapter in Russia. The Institute directed him to contact the Northwest CSI Region about the possibility of sponsorship. Costs are in the range of \$2,500.00 for start-up. Jim Dufala will prepare a paper for consideration at the Region Conference in Newport this month.

Committee Reports

1. The new format of The Predicator is out. Great job, Gloria!

Next Meeting Date: October 4, 1994 at Noon at the Association Offices (AIA/CSI).

Meeting was adjourned at 1:00 PM



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Minneapolis Convention Center
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CDT/CCS/CCPR Certification, 1994

- **Construction Documents Technology (CDT) Program.**

Application Deadline: January 15, 1995
Application Fee: \$85.00
Exam Date: April 1, 1995.
Study Documents: CSI Manual of Practice (MOP), 1992 Edition: Construction Documents Fundamentals and Formats Module; the AIA Document A201, General Conditions of the Contract for Construction, 1987 Edition; and the EJCDC 1910-8, 1990 Edition.

The CDT program is an introductory educational program intended for all members of the Construction Industry. The Certification Committee requires the CDT exam to be the prerequisite to the CCS and CCPR programs. It is strongly recommended that candidates take a multi-year approach to obtaining their CCS or CCPR certification by taking the CDT as soon as possible in their careers. Although not recommended, candidates with the experience required may sit for both exams on the same exam date, however, if the candidate does not pass the CDT exam, the CCS exam will not be graded and the application fee will be forfeited.

- **Certified Construction Specifier (CCS) Program:**

Application Deadline: December 15, 1994
Application Fee: \$100.00
Exam Date: April 1, 1995
Study Documents: CSI Manual of Practice (MOP), 1992: Construction Documents Fundamentals and Formats Module; Construction Specifications Practice Module; the AIA A201-1987; EJCDC 1910-8, 1990.

This program is designed to reflect job-specific skills of the construction specifier. CCS will focus on the knowledge, comprehension and ability to apply the principles in the study documents. Candidates are required to have five years' experience in preparing, assisting with, or coordinating bidding requirements and Division 1 - General Requirements, and writing specification sections used in construction. These experience claims must be supported by two letters of reference.

The biggest advance in the CCS program is the Study Guide prepared by the Education Committee. It is recommended that those studying first understand the measurement objectives, which are the basis for every question in the exam. These are clearly defined in the study guide. The points or scoring for each measurement objective is provided in the Study Guide. The number of points given relates to the level of importance of the subject matter.

- **Certified Construction Product Representative (CCPR) Program:**

Application Deadline: December 15, 1994
Application Fee: \$100.00
Exam Date: April 1, 1994
Study Documents: CSI Manual of Practice (MOP), 1992: Construction Documents Fundamentals and Formats Module; Construction Product Representation Module.

This program is focused toward the construction product representative. It is required to have five years experience assisting design professionals in the use of construction product and preparation of guide specifications. The certification examination will evaluate the candidate's knowledge, comprehension, and ability to apply the principles in the study documents.

The Certification Committee urges candidates to study only from the reference materials. Other study materials may not be absolutely correct and may be a distraction.

The MOP modules are available for purchase in individual units by examination candidates. Preparation classes will be announced.

For more information, call Skip Brown CCS at (503) 224-6040 or Tim Cockburn CCPR at (503) 643-9480.

QUICK NEWS:

The Tacoma WA based American Plywood Association (APA) has amended its name: It's now the APA-The Engineered Wood Association. This was done to reflect its expanded membership and future goals. Fix your specs and note that it is still called APA. *Editor's Note.*

This is the third in the series of projects in the Oregon/Southwest Washington area nominated for "good construction documents".

Project Profile

The Contractor's Share Group

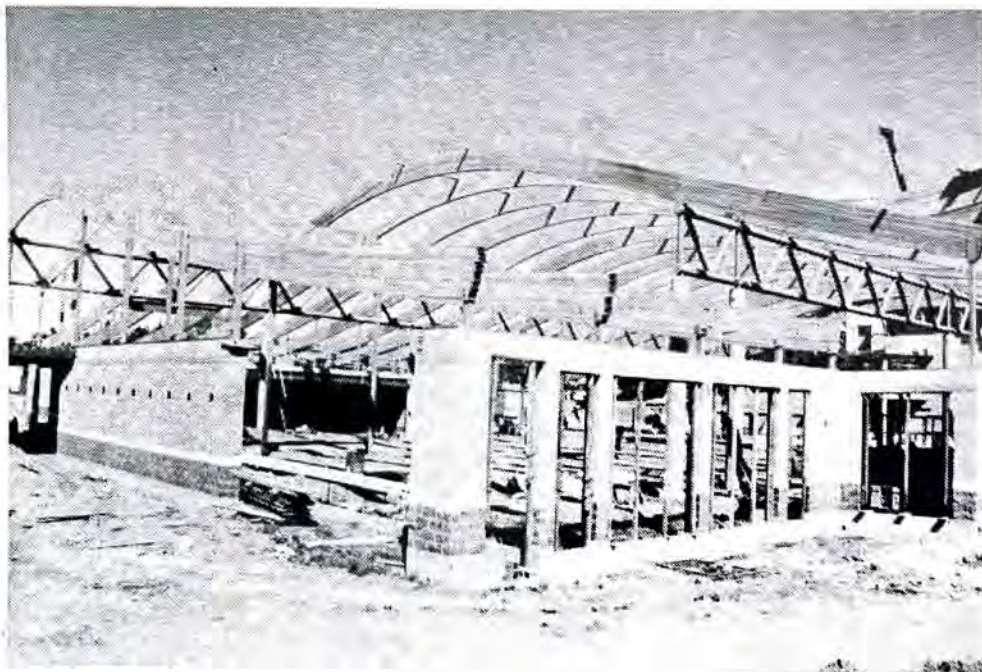
Clackamas Aquatic Park

Clackamas, Oregon

The Clackamas Aquatic Park, which opened on June 9 of this year, is a two story 45,400 square foot indoor aquatic center containing a wave pool surrounded by three water slides, a whirlpool, lap pool, children's wading pool, diving pool and an interactive play pool. The building is fully handicap accessible and includes ramps leading into both the lap pool and the wave pool, as well as an elevator providing access to all three water slides. The building also houses a full kitchen and four meeting rooms that have accommodated everything from children's birthday parties to black tie fashion shows. The structure is a mix of block masonry, concrete and steel columns supporting a roof system consisting of steel trusses, over 100 glue-laminated beams, and over 20 miles of 3 x 6 decking.

The project was bid on January 7, 1993 by nine construction firms. Bids ranged from \$7,226,000 to \$7,946,000. During the course of construction, the project grew in size to over 8.8 million dollars with the addition of portions of the adjacent Clackamas Regional Park, designed by Mike Zilis of Walker & Macy Architects.

Throughout the construction of the project, it was apparent that the design team had endeavored to create a working environment that closely followed the CSI format for documentation. The construction documents were well organized and well coordinated, creating little room for question or misinterpretation. Todd Construction Project Manager Matt Winkler noted that *"It was nice to be a part of a project where the bid documents and on site communication blended so well that the owner was able to divert much of their change order allowance to 'extras' that really added to the appearance and function of the center."* These documents, along with a strong partnering relationship by the construction team, allowed for a successful project for everyone involved.



Building frame construction

Clackamas Aquatic Park

Project Team

OWNER	North Clackamas Parks & Recreation District John Hartsock - Project Manager
ARCHITECT	Robertson/Sherwood/Architects pc Jim Robertson, CCS FCSI - Project Architect
CONSULTANT ENGINEERS	W & H Pacific - Civil/Landscape Architects Herrick & Richards - Structural Engineers Manfull-Curtis, Inc. - Mechanical Engineers Interface Engineering, Inc. - Electrical Engineers CS Acoustical Engineering - Sound System Engineer
GENERAL CONTRACTOR	Todd Construction, Inc. Matt Winkler, CDT - Project Manager
MAJOR SUBCONTRACTORS	Sutherland Electric, Inc. - Electrical Carroll Mechanical, Inc. - Mechanical DeaMor Associates - Translucent Panel System L.P. Company - E.I.F.S. / Acoustical / Drywall Coffman Excavation - Earthwork / Site Utilities L.C. Pardue - Masonry Fine-Tex International - Ceramic Tile Long Painting Co. - Painting Snyder Roofing & Sheetmetal, Inc. - Roofing Interior Technology - Folding Partitions

The Contractor's Share Group members are:

Donna Armstrong CDT, Jerry Harris, Nash Hasan, Ed Loy CDT, Marty Lundell CDT, Jim Rother CDT, Matt Winkler and Dale Kyudendall CDT



Building interior

*A letter to the Editor**James R. Newcomer*

Dear Ms. Editor:

The ways we build can radically influence mankind's chances for survival through the next century; therefore, my appreciation for publishing in the September issue of The Predicator Jo Drummond's stimulating article "The Future: Is There One?" In this stimulating book review, she has asked the big question that confronts us this decade - and perhaps, the last issue humanity will deal with.

Just after I read this review, I listened to Paul Hawken's speech before the City Club on September 9. Hawken and Drummond, (and the author she reviews, Paul Kennedy), work from the same set of basic assumptions about the future, which are commonplace by now. Hawken, however, adds some important elements that I would like to bring to the attention of CSI members because they focus on things we can change in the course of doing business every day - vital assumptions about what is important professionally, as well as personally. Because we are in the business of erecting the buildings in which human live and work, we can influence the course of humanity deeply, perhaps as deeply as any other single industry.

These are important observations, for we cannot do much to change the rate of population increase in the third world. Besides, the evidence would suggest that the critical factor, more critical than the absolute number of people, is the amount of resources this increasing population will use. So, it is useful to examine our assumptions about utilizing resources here in the industrialized world; we can, after all, do something about that right here, at home and on the job, more important in the long run.

The first key to change can be found in our energy consumption. The humans in the U.S. use something like ten times the energy of ordinary people in the rest of the world - including Japan and Europe. The global warming that Kennedy warns about, arises from that intense burning of fossil fuels. Hawken pointed out that we have the technology in place now to cut that waste of energy by 90%. How? Heating, cooling and insulation of buildings wastes an enormous amount of fuel. Utilizing natural sources of heating and cooling would be a vital first step for us. What could CSI do about making designers aware of the need of solar and heat pump technologies in our residential developments and commercial buildings? Or, of insulation, siting and windows? The embodied energy in so many of the materials we take for granted, materials that were developed and tested so long ago that we are now concerned with variations on the basic design rather than with the question of using the stuff, is also a concern.

Concrete and aluminum, which require large amounts of energy, are high on that list. What could CSI do to encourage attention to, and utilization of, less energy-intensive materials?

Automobiles, of course, add to this energy drain. Not just because they are inefficient; rather because we have to utilize them so much to get on with our lives. As Andres Duany pointed out so wittily on his visit to Portland, we have designed our suburbs - and enshrined our primitive design standards for traffic and buildings in complex codes - so that the average household must make 14 automobile trips a day - to work, to school and lessons, and to stores. A family living across the road from a shopping center normally can not walk to the store. The transit company finds it impossibly costly to provide adequate (read: convenient) service to a sprawling nightmare. Grids don't exist, only clogged feeder roads. What could CSI do to encourage more sophisticated design of suburban communities that would encourage fuel savings?

Second, we can examine our building materials and how we use them. Are we utilizing recycled materials wherever we can? Do our members all have directories of recycled or sustainable materials such as the Harris Directory, written by a Portland woman, and the most comprehensible, reliable guide to recycled materials in the U.S.? Do we simply specify lumber from sustained yield forests or more of the old clear cut destruction? Do we haul our left-over lumber and building supplies to the land-fill at the completion of each job, instead of checking to see what can be salvaged? Are we recycling during our demolition jobs and clean-ups? Are we willing to help in the development of practical, recyclable building components that could be re-used after the present structure has been taken down? That is the principle that already guides design of German cars, such as BMW and Volkswagen; can we do less with our houses? How could CSI, which is in a crucial place to influence the industry, support the sustainable, wise use of renewable resources in our community?

Third, Hawken pointed out that prices in the commercial world often do not reflect the costs. He used the example of Kuwait crude oil, which now costs \$99.00 a barrel; the price, he said, is \$17.00 a barrel, the rest of the cost, \$72.00 goes to the U.S. Defense Department. It is an example of the subsidies we pay for many items in commerce, from wood products to meat, that are not reflected in their prices. Labor is another effect of price. We act as though labor were merely an economic factor, rather than a human issue in our society. When we quote a price, therefore, we do not include the costs of supporting unemployed and underpaid people and their children, of giving them health care and education and transportation in a city or suburb that requires automobiles for children to attend school, of excluding them as consumers from our markets, or, of imprisoning them for years basically because they think their lives are worthless and crime is the only means of self-expression? We do not count the costs of resources that disappear forever when we make concrete, iron, aluminum, copper or

even plastic (or, for that matter, the cost to cleaning up the water and air after the processes are done). Only when we include these costs in true prices, said Hawken, will our commerce enable a company to do what is right - easily.

I am new to CSI. I am in business, like everyone else, and, like Hawken, I believe that business will get us through the crisis in the immediate years ahead - if we get through it. Jane Jacobs originally drew the distinction between governments in history and traders: Governments traditionally set the rules within a territory, while traders moved across boundaries and responded to changing conditions. Government has to respond to the crisis by straightening out the rules so that the businesses who try to do the right things can survive because prices can reflect the true costs. Business has to look at its practices and tell government what the costs are, and then be willing to play under changing rules. If we are to survive the abrupt population drop every futurist predicts for the mid-21st century, radical change is required. It seems to me that CSI is uniquely suited to contribute by becoming the conduit for experienced builders to suggest

practical ways to change practices so that builders can afford to do what is right.

I have been one of the founders of a group called the NW EcoBuilding Guild. Like CSI, our members represent a variety of building professionals - architects, contractors and subs, vendors and even mortgage bankers and real estate agents. All are interested in creating sustainable building and remodeling. But we should not need such an organization: CSI should enter the debates and partake in the fray. Would it be possible to organize a committee to look at these issues and present program ideas to the chapter? Nothing, it seems to me, could be more important - for our grandchildren, if not for our companies.

Editor's Reply: Do not miss our next meeting!!! We need your input, enthusiasm and commitment.

Mr. Newcomer can be reached at James R. Newcomer and Associates, Inc., 2542 N.W. Northrup Street, Portland OR 97210, (503) 248-0639

BS BY KS

Basic Specs by Ken Searl

It is noticed that in many specifications not enough information is given regarding who makes payment for required permits, plans review, and other possible charges levied by local governing authorities and others. Some folks say an allowance may be suitable. This item needs attention. Bidders should not have to do any guessing, unless an Ouija Board is included with the Bid Package.

I have always had a great concern as to which installer or applicator installs products such as roofing, tile, etc. On some projects, I have specified just what firms were acceptable to install or apply products or systems. Many manufacturers have approved applicator lists and will furnish them upon request. Look them over, and if any doubts appear, then limit the list to applicators you know are suitable.

Evidently, some manufacturers are aware of what a poor applicator can do to the reputation of their products. Firestone Roofing products has an award named "Firestone Master Contractor" they bestow upon roofing firms that embody professionalism, superior craftsmanship and dedication to the quality installation of Firestone Roofing Systems. This program has been in effect since 1988. Arnie Schmautz CSI of Buckeroo-Thermoseal of Portland, Oregon informs me his firm has been given this award twice since the program's inception. I congratulate both Buckeroo-Thermoseal and Firestone for their pursuit of quality installations.

Linda Bowman CCS, a Specifications Consultant in Eugene, Oregon, informed me that her downtown office was broken into, and all her computers, printers and accessories, were stolen, including all information on a hard drive. She had just completed a project manual, and she kept the backup disks in a different location, so they were not stolen. She was fortunate that no specification data was taken, however all information, data and programs on hard drives have to be replaced.

As some of you may know, I have preached for years to make a backup of everything and to keep backups in a different room or area in your office or at home. For years, when I had a specification on a new project approximately 80 percent complete, I would make a copy and take it home for temporary storage. As the other 20 percent of the specification proceeded, I would also take backup disks home. I am not sure my employers knew about this, but I will tell you that twice I was glad that I did this procedure. One time, one of our young architects used my computer after normal working hours, and being inexperienced, erased some specification sections being prepared for an ongoing project. Luckily, I had backups at home. Shortly after that, I added password protection to my computer so this would not happen again.

It is noted that, until recently, hard drives were known to crash as they got older, especially if they were near or fully loaded. Today, hard drives don't crash as often, but we still should take precautions to assure that no matter what, crash, fire or theft, we are protected either with a backup tape or backup disks.

Bits and Pieces from Here and There

New Member Orientation

New Member Orientation is scheduled for November 15, 1995, 5:00 to 6:00 P.M. on the 41st Floor, US Bancorp Tower, 11 S.W. 5th, Portland. This meeting helps to welcome new members to the Portland Chapter CSI. The following people are expressly invited to attend:

Tom Regan, Viking Industries, Inc.
 Robert L. O'Halloran, Allen Yazbeck & O'Halloran
 Jim J. Mann, Yost Grube Hall
 John Collette, Benchmark
 Marc A. Labadie, Thompson, Vaivoda & Associates
 Jeffrey Miller, 2KG Contractors, Inc.
 Diane C. Blitzer, Boucher Mouchka Larson
 Vance E. Frankamp, Commercial Roof Management
 David L. Thielen, Geo Engineers, Inc.
 Jeffrey J. Welch, MacKenzie/Saito & Assoc., P.C.
 Neil Lee, Jon R. Jurgens & Associates
 Terry M. Walhood, Sequent Computer Systems, Inc.
 Andrew J. Schwartz, Schartz & Associates
 Gary E. Laine, The Anderson Company
 Iris Gibson, Deamor Associates, Inc.
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 Paul Adelman, Jasco Supply
 Mark Beasley, Benson Industries
 Doug Edgren, Armstrong World
 Ron Erskine, Sea-Pac Sales
 Don Geddes, Walsh Construction Co.
 George Kona, U.S. Army Corps of Engineers
 Ray Lynn, Lynn's Draperies
 Calvin Miller, Water-Tight Roof Systems, Inc.
 Hussain Mirza, SMH Architecture, P.C.
 Jerry Olson, Olson Engineering, Inc.
 Dell Turner, Garland Co.
 David Welsh, Commercial Industrial Design Architecture

If you are not listed above and have not been oriented, or have not yet received your pin, please join us. To RSVP, call Linda Joens at (503) 233-1181.

INSTITUTE NEWS

Participate in the 1995 Speakers Bureau, Media Resources, and Member Networking Programs!!
 Market Yourself, Your Business, and CSI

- Supply editors of national trade publications with direct quotes and background information
- Offer your speaking services to other construction organizations
- Help your fellow CSI members improve their chapter and business functions.

CSI has created three programs that can help you share your expertise and knowledge in a particular field with other construction organizations, editors from national trade publications, and fellow CSI members.

As a Speakers Bureau participant, you'll be called on to speak at educational programs, convention seminars, and roundtable events. The directory will be distributed to CSI's list of nearly 250 construction-related organizations, and published in CSI's 1995 Administrative References.

As a participant in the Media Resources Program, you'll be called on by national trade publication editors to help with articles, to supply pertinent information or background, to offer expertise in specific areas, and to provide quotes on various topics and trends. It is distributed to CSI's list of nearly 300 national trade publications.

New this year is the CSI Member Networking Program, where you can help fellow CSI members run their chapters more effectively or answer questions relating to their businesses. To participate in one, two, or all three programs, simply fill out the application form. Fax your form to Sarah Phaneuf at CSI, (703) 684-0465 by December 1, 1994, or mail it to CSI, 601 Madison Street, Alexandria, Virginia 22314-1791. Help CSI achieve its goal of providing quality programs, products, and services for the organization and sharing of construction information. Participate in these 1995 directories. Please fill-in CSI's "Member Resources File" attached to this newsletter.

TWO SEMINARS

Construction Claims is a two-day seminar presented by Roy L. Wilson, P.E., and sponsored by Pepperdine University School of Law, Nov. 15-16, at Monterey, California. CSI members get 10% discount. Call (310) 453-2929.

Getting Specified, is a one-day seminar for sale professionals presented by CSI Nov. 15, at the Seattle Airport Hilton in Seattle, Washington. Call 1-800-2900

Editorial Policy

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

THE PREDICATOR is printed on 100% recycled paper using environmentally friendly inks and processes. Our regular contributors are John Lape, Ken Searl, Jim Rother, Marty Lundell and Ed Loy. We are grateful for the advice and guidance of Margie Largent and Lee Kilbourn. Our printer is Kinko's, and Gayle Vrla does the labeling and mailing. Material for publication should be submitted preferably in 3.5" or 5.25" discs, DOS or Windows. Deadlines and other requirements; call Gloria Rasmussen, 635-3199, or Inge Carstanjen, 635-6227.

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A Calendar of Region Chapter Meetings

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

Cook Inlet, Anchorage, Alaska	
Third Tuesday	
Ken Maynard	(907) 276-4218
Idaho, Boise	
First Tuesday	
Scott Henson	(208) 345-6677
Mt. Rainier, Tacoma, Washington	
Third Tuesday	
Cheryl Rue	(206) 383-3084
Portland, Oregon	
Second Tuesday	
Jody Moore	(206) 574-3449
Puget Sound, Seattle, Washington	
Second Thursday	
Relta Gray	(206) 328-3393
Capitol, Salem, Oregon	
Second Thursday	
Darwin Doss	(503) 581-5151
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Tom Crossan	(509) 624-4281
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Last Thursday	
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**PORTLAND CHAPTER MEETING SCHEDULE
1994 - 1995**

- December 13, 1994**
Holiday Program: Stacey Allison, first woman to climb Mount Everest
- January 10, 1995**
Program to be announced .
- February 7, 1995**
Program to be announced.
- March 14, 1995**
Coordinating Consultant's Specifications
- April 11, 1995**
Program to be announced

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**ALSO HAPPENING.....
1994 - 1995**

Seminars

- November 15, 1994, "Getting Specified"
Seattle Airport Hilton, Seattle Washington
- November 15-16 , 1994, "Construction Claims"
Monterey, California.

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Advancement
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THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 5

December 1994

Portland Chapter CSI presents

STACY ALLISON

The first American woman to climb Mount Everest

YOU CAN GET THERE FROM HERE!

Tuesday, December 13, 1994

In September 1988, Stacy Allison became the first American woman to reach the summit of Mount Everest. Currently a residential contractor in the Portland Area, Stacy has a strong understanding of the challenges that we face in our industry and in our personal quest for satisfaction and success.

Stacy values her conquest of the summit, however, for her, the most important experience was the journey itself. She grew up in Woodburn, Oregon, and began climbing in her freshman year at Oregon State. Her stamina and determination led her through a series of greater and greater challenges that culminated in her ascent of Mount Everest.

In her presentation, Stacy will share her unique insights about how leaders function successfully in the face of obstacles, and how we, as individuals with our own agenda and aspirations, can orient ourselves to accomplish group goals and objectives.

Plan to bring a guest and experience the beauty of the Himalayas through her climbing slides. Seating for the dinner is available for the first 100 reservations, so reserve early! If you are greeted by a recording, leave your name, phone number and the name of your guest.

We gratefully acknowledge the following companies who have generously sponsored this presentation: Access Control Systems, Trym-Tex, DeaMor Associates and Unistrut.

Stacy Allison - You Can Get There From Here!

Atwater's - Floor 41 of the US Bancorp Building, 111 SW 5th Avenue, Portland

Please make reservations by 5:00 P.M. Friday December 9; call 503/8231

Non-Members are welcome!

5:30 No host bar - 6:30 Dinner
7:30 to 9:00 Program
Dinner Cost: \$20.00 reserved,
\$25.00 later or at the door;
Cash/check/Visa or Mastercard only;

Can't be with us for dinner?
Come to the Program at 7:30
"No-Shows" will be billed; you may cancel
until noon the day of the meeting -
be sure to obtain a cancellation number from the
Chapter Office



The President's Message

John Lape CCS, President

The holidays are traditionally a time of giving. Last week I bought my son a pair of hiking boots for Christmas (he doesn't read *The Predicator* so he'll never know unless you tell him). Much like a construction product specification, I had some selection criteria in mind:

2.2 BOOTS

- A. Light weight
- B. Waterproofed
- C. For hiking and backpacking
- D. Under \$60.00 !

What I didn't have on my list was approved manufacturers. I didn't go looking to buy a Danner or Nike, or some other brand. I went looking for a boot, a commodity.

Sometimes it seems that many construction products get treated as commodities. Some may truly fall into this category, but I know a great many of our rep's take offense when their products are dismissed in this fashion. Owners and architects feel short-changed when contractors install products other than ones specified. Contractors are disappointed when suppliers supply different materials.

Some materials, I feel, truly belong to the commodity class. One example might be lumber. My specifications call for a 2 x 6 to be doug-fir or hem-fir, kiln dried, #2 and better. Whether that stick comes from Weyerhaeuser's forest or anybody else's, I really don't care. It's not simply that the product gets hidden inside of a wall, after all, it serves a major function of holding the building up.

In other sections of my specifications, I list only one acceptable product. I further qualify it by saying "no substitutions are permitted in this Section". I treat this exclusivity very selectively, but in certain areas my experience tells me only one product will do. I might add, I catch hell for having some closed specifications sections.

But there are many, many products in construction that lie between a commodity and a closed proprietary specification. Take plastic laminate for example. The general public isn't familiar with that term, and instead refers to one of the more common products, Formica. But there are a number of quality manufacturers that make similar products. Some claim advantages over competitors, such as increased abrasion resistance. But I'm sure many people consider plastic laminate a commodity and the prevailing selection criteria becomes color.

However, there are other criteria that specifiers use in selecting materials. These might include: Is the product locally available? Are samples readily available? And most importantly, is there a reputable local product representative?

A product that a contractor or supplier may consider a commodity is probably not held in the same light by the specifier. Realize that most specifiers are wordsmiths. They may use cryptic phrases, rather than the eloquent words of a novel, but the word selection is critical. One specification section may list three or four approved products, while another section may list three or four approved products and include the term "equal products of other manufacturers, when approved in advance by the Architect" or "products by other manufacturers that meet the specifications will be accepted."

Those last two sentences were taken from different sections of my specifications. Notice the subtle differences between the two. It is not simply that one was written in 1988 and the other in 1990, but that the relative importance of the product, in that particular job is different. On one, it is not that critical an item and as long as your item meets specification it's acceptable to me. On the other, I want to have more control over the product selection. Even in the first group, where I list only three manufacturers and don't say anything about "or equal". Some may wonder that the alternate phrase may have simply been omitted. Some may assume that since three are listed, their product is probably O.K. too.

Usually, this is not the case. The specifiers may have had bad luck with installation of a particular product, or follow-up on the warranty, or a myriad of other reasons. If he only lists three products and doesn't "leave the door open" for other products, there is probably a reason. Remember specifications are instructions from the architect to the contractor. They are not intended to be endorsements of products, nor to list reasons why other products have been excluded.

I am disappointed to see an increasing number of construction materials being treated as commodities. I don't mind being questioned on my selection criteria, but there is usually a reason for the decisions that were made. A commodity to some, is not a commodity to all.

Report on the Task Force on Seismic Strengthening of Existing Buildings

*Jane Hawkes, Project Coordinator
Bureau of Buildings*

The Portland business community and citizenry at large face a serious dilemma concerning the seismic safety of area buildings. In January 1993, the Oregon State Specialty Code changed the seismic designation of Western Oregon from Seismic Zone 2b to Seismic Zone 3. This change means that earthquake resistance standards for construction are higher now by 50 percent. The new code clearly applies to construction of new buildings, but is less clear about existing buildings. What is clear is that many buildings in Portland are not strong enough to withstand an earthquake of a magnitude possible in a Seismic Zone 3. Retrofitting these buildings for resistance is the answer, however, the costs involved are high, and in some cases could be prohibitive.

Last fall, Commissioner Gretchen Kafoury appointed the Task Force on the Seismic Strengthening of Existing Buildings. The task force is made up of building owners and managers, engineers, an architect, and persons with expertise in banking, insurance, healthcare, and schools. Their task is to examine the problems in applying the new seismic code provisions to existing buildings. How, when and to what extent should existing buildings be required to be retrofitted? A major challenge facing the task force is how to protect human lives with safer buildings while also trying to safeguard the economic vitality of the area. To help address both the financial and human implications of such a program, the task force has hired a consultant firm to complete a risk analysis of the area and a cost-benefit analysis of earthquake mitigation options.

Meanwhile, the task force is working on interim measures to address problems currently faced by building owners and the Bureau of Buildings. The measures include City Code changes which "decouple" the Dangerous Building Code from the state building code and specify building code provisions for seismic retrofitting existing buildings. To gather input and feedback on these recommendations, the task force is conducting a number of meetings with individuals, focus groups, organizations and the general public. City Council approval of proposed interim code changes is expected in November. Final recommendations will be presented to Council in June 1995.

For more information, please contact Don Eggleston, Task Force Chair, 503/228-6444, or Jane Hawkes, Task Force Staff, 503/823-7399.

PORTLAND CHAPTER CSI BOARD OF DIRECTORS

MINUTES OF October 4, 1994 MEETING

D.R. "Skip" Brown AIA CCS, Secretary

The meeting was called to order by President John Lape at 12:00 PM at the AIA/CSI Office.

PRESENT: Brown, Chew, Fatz, Forland, Kuykendall, Lape, Largent, Miller, Murphy, Wilson, McCormick
ABSENT: Hirte.

ALSO PRESENT: Lee Kilbourn, Dick Gira

Discussion

Approval of Minutes: Minutes of the September 6, 1994, Board of Directors meeting minutes were approved with corrections as published in October issue of The Predicator .

Treasurer's Report

1. The final fiscal Treasurer's Report Budget for 1994/1995 was distributed. A comment concerning the dollar amount allotted for Chapter Awards looks high. John will review this item.
2. There will be coordination costs affiliated with Architecture Week. The Products Fair and other events also have associated coordination costs.

Old Business

1. National Education Seminar: Wednesday March 15, 1995, is a regular time slot for the Engineers Association meeting. This is a change from the proposed February time during Engineer's Week. John Lape, Jim Wilson and Phyllis Fritzie are working on joint publicity for this event.
2. Retired Members: Money is not available for assistance with monthly meeting dinner costs for retired members. Dale Kuykendall will head an ad-hoc committee to recommend sources for assistance.
3. Products Fair: The end of April will be Portland Chapter CSI time slot for the Products Fair. This year, however, the date for the Products Fair will remain May 2, 1995.

Obituary

A Mass of Christian burial was held at 10:00 A.M. Saturday, November 19, 1994, in St. Thomas More Catholic Church for Mr. Vincent Charles Fletcher, who died at the age of 75 of a cerebral hemorrhage this past November 16.

He was born September 23, 1919 in Hillsboro. In 1939, he married Leah J. Wuckert.

He served in the U.S. Navy during WWII and later became an architect. He retired in 1984 as District Architect for the Beaverton School District.

4. Chapter Meetings: Reservations fax number will be coming on line next month. In November, Jim Wilson will produce name tags. Lee will give Jim and Gunnar a review course on how name tags are generated on the computer.
5. November Chapter Meeting: New member orientation has been re-scheduled for the November meeting. The November meeting will be a Strategic Planning meeting. John Lape and a Facilitator will be addressing the question of where we, Portland Chapter CSI, are going?
6. CSI Foreign Chapter Sponsorship: Jim Dufala wrote a which report which Kilbourn and Lape had available at the Region Conference. CSI National should be addressing this request. John will send letter to CSI Region Directors Jim Adkins and Jim Chaney.

New Business

1. 1998 Region Conference: Ed Fatz will assist John and Dale in the long range planning required to prepare for this event. Bi/Tri Region Conference? Portland Oregon Visitors Association and the State of Oregon could assist in identifying location options for the Conference.
2. Las Vegas Membership Conference: Dale Kuykendall and Rick Heiserman will be attending on Saturday November 19, 1994.

Committee Reports

1. Jim Wilson: Oregon Arena is the program for the October meeting. November is a long-range planning meeting. December may be a "thrilling" program with local celebrity "climber" Stacy Allison (she is also a contractor).
2. Ed Fatz; Awards: Lee recommends submitting (for next year) the Chapter Directory for award. It was commented that the Region Awards are narrowing to a specifications "Section", not necessarily the whole manual. More information on these changes is required.

Next Meeting Date: November 1, 1994, at the AIA/CSI Office.

Meeting was adjourned at 12:55.

Mr. Fletcher was past president of the Construction Specifications Institute (*Portland Chapter 1995*). Mr Fletcher was buried in Mt. Calvary Cemetery. Surviving are his wife, son John of Murray, Utah; daughters Connie Fletcher-Power of Sugarland, Texas, and Patricia of Littleton, Colorado; brother Donald of Springfield; six grandchildren and four great-grandchildren.

Remembrances: American Heart Association, Oregon Affiliate, 1425 NE Irving St, Suite 100. Portland 97232, or, Hopewell House, 1671 SW Capitol Highway, Portland 97201.

The Oregonian

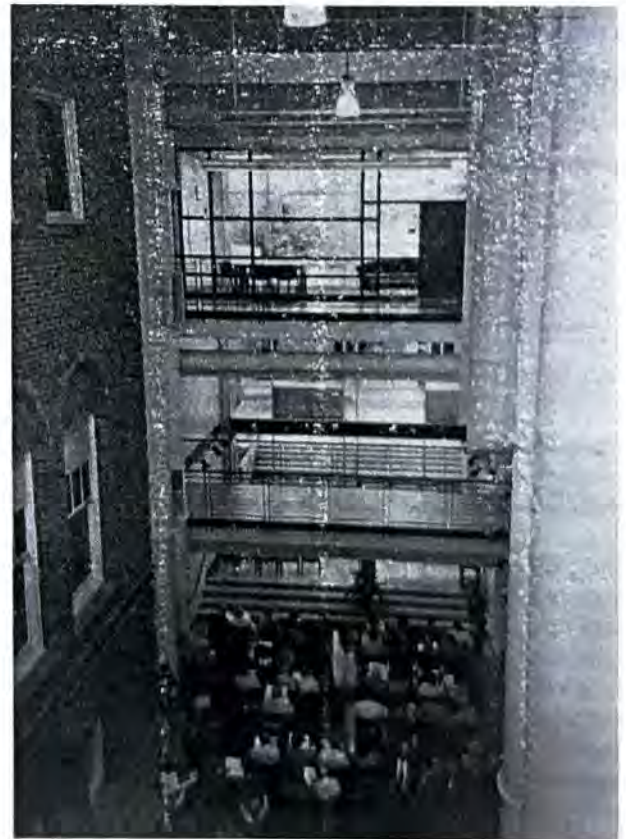
BS BY KS

Basic Specs by Ken Searl

At a seminar I attended in recent months, one of the presentations was entitled "Ten Commandants for Specifiers". I present them as follows with Ken's comments in parenthesis:

1. **Know Products and Materials**
(Many specifiers never visit project sites to see what is good and what is bad. I strongly believe visiting project sites is a necessity to become an accomplished spec writer.)
2. **Do not do any specifications writing in haste.**
(Take time for research, and this includes consultations with owners and users).
3. **Do not covet or copy other architects/specifiers contract documents.**
(Closely scrutinize and verify if what you may copy is applicable to your project, and, is it copyrighted?)
4. **Coordinate drawings and specifications.**
(Now, this should be obvious).
5. **Do not specify proprietary items on public or private works.**
(I disagree strongly. There is nothing wrong in specifying proprietary products, even a single product, if it is felt that is the best way to go and it is not illegal).
6. **Communicate your intent.**
(How about specifying... "Do work to the entire satisfaction of the Architect.?"?) Ha!
7. **Communicate with others.**
(Including product reps., structural, mechanical, electrical and other consultants and sources).
8. **Do not bear false witness.**
(If you make a mistake, fess up and ask for help).
9. **Do not kill the contractor.**
(Eighty percent of the contractors are good people. Ten percent are above average and the other ten percent are stinkers of the first order, inexperienced, and should be in some other business. This last ten percent will be out of business in a year or three. The bad part of this, is that there always seems to be a new bunch taking their places).
10. **Do not allow the contractor to kill the subcontractor.**
(Don't know how to answer this item, so I will let you figure it out. I admit in the past there have been a few subs that needed a 2x4 to the head to get their attention).

Project Profile:
The Edwards-Holman Science Center
Interior
(See next page)



This is the fourth in the series of projects in the Oregon/Southwest Washington area nominated for "good construction documents".

Project Profile

The Contractor's Share Group

THE EDWARDS-HOLMAN SCIENCE CENTER WOOD-MAR HALL HISTORIC RENOVATION

Newberg, Oregon

New ideas, fast track design/build, and partnering with the owner, architect, general contractor and major subcontractors to produce construction documents for the construction of a new science building and renovation of an eighty three year old building on schedule, must be a true test for an architect.

Construction of the three story science building began in September 1993 and was ready to be occupied by the students and faculty in September 1994. The 39,000 sq. ft. facility was designed to accommodate mathematics, computer science and physics on the first floor, biology on the second floor and chemistry on the third floor. The science building is connected with the Wood-Mar building with a three story high, 20-foot-wide atrium that runs 100 feet along buildings. With an elevator in the science building and sky-bridges across the atrium, the Wood-Mar hall theater will be accessible for the disabled for the first time since it was built in 1911. The Wood-Mar Hall theater renovation, seismic upgrade, and restoration of the Spanish-style cornice and Willamina brick exterior will be completed in December 1994.

"I am so excited when I walk around the three floors of the emerging Edwards-Holman Science Center", said Edward F. Stevens, GFC President. "It is like 'smelling the new leather' again. The potential for a restored Wood-Mar is equally as exciting, and the spacious atrium between the two buildings quickly will become a favorite place for students."

Mr. Hawk Au, Project Manager and Owner of Gray/Purcell, stated "Soderstrom Architects prepared excellent construction documents in a very short time, and by providing details and on site services, enhanced our ability to successfully manage a fast track project, and minimize change orders. We, and George Fox College, are pleased with the results."



THE EDWARDS-HOLMAN SCIENCE CENTER

Project Team

OWNER	George Fox College
ARCHITECT	Soderstrom Architects Jon Wiener CSI, Project Architect
CONSULTANT ENGINEERS	James G. Pierson, Inc. - Structural Engineers Bentley Engineering Co. - Electrical Engineers Accipio Inc. Consulting Engineers - Mechanical W & H Pacific - Civil/Landscape Architects
GENERAL CONTRACTOR	R. A. Gray & Purcell, Inc. Hawk Au, Project Manager
MAJOR SUBCONTRACTORS/ SUPPLIERS	Wyatt Fire Protection - Fire Sprinkler New Tech Electric - Electrical M.S.I. - Plumbing Climate Control - HVAC Mountain Glass CSI - Glass & Glazing Woodburn Masonry -Masonry K2MG Interiors - Drywall & Acoustical Siegener & Company - Painting Pacific Roofing - Roofing DeaMor Associates CSI- Skylights Unistrut Portland CSI- Access Flooring

The Contractor's Share Group members are:

Donna Armstrong CDT, Jerry Harris, Nash Hasan, Ed Loy CDT, Marty Lundell CDT, Jim Rother CDT, Matt Winkler and Dale Kuykendall CDT

Bits and Pieces

from here and there

Coordinating Consultant Specifications Seminar

Our President, John Lape, has been coordinating with the local engineering associations the implementation of a seminar with material primarily directed towards consulting engineers. This event will be co-sponsored by Portland CSI and the local chapter of the Professional Engineers of Oregon - PEO, and will have the participation of The Consulting Engineering Council of Oregon - CECO. The seminar will be held on Wednesday, March 15, 1995, at the auditorium of the Energy Resource Center in Tualatin, from 8:00 A.M. to 5:00 P.M., with lunch and coffee break included.

The speaker will be Mr. Charles Shrive CCS CSI PE, from Cincinnati, Ohio, who will address the age old problem of coordinating specifications between architect and their consulting engineers. Mr. Shrive is a speaker of national reputation who is experienced in aiding both parties involved in the process of coordination understand the dilemma and work together towards solutions. He is a practicing professional engineer who has spoken on this subject at CSI National Conventions. He developed Divisions 15 and 16 specification sections for SweetSpec.

More information regarding registration procedures, cost, etc. will be published in the January issue of The Predicator.

CERTIFICATION STUDY COURSE

If you are thinking in obtaining your certification as a Construction Documentation Technologist - CDT, a Certified Construction Specifier - CCS or a Certified Construction Product Representative - CCPR, you may want to consider attending a study course in Construction Document Technology Certification offered by the Mt. Rainier Chapter. The object of the course is to prepare those who will take the exam offered by CSI in April 1995.

The course will be held Monday evenings, February 6 through March 27 and the cost is \$35.00.

For more information or if you are interested in the taking this course, contact Skip Angell at 206/566-2511, FAX 206/566-2512, or Scott Dennis at 206/939-5900, FAX 206/939-6096.

ROOFING COURSES

Portland State University and The Roofing Consultants Institute are offering intermediate and advanced courses on roofing technology. Courses will be offered at the Columbia River Red Lion, Portland, Oregon.

- The intermediate course will be on January 13, 14 and 15, and will include classes on:
- **Drainage:** Examines how to get water off the roof, around equipment, drain sizing and placement, and the calculations needed to prevent roof from collapsing.
 - **Wind:** Examines major codes and how products are tested for wind uplift. FM and SPRI guidelines are simplified; requirements for ballasted and air barrier roofs are explained.
 - **Thermal and Moisture:** Evaluates building insulation requirements and calculates the need for vapor retarders. Includes diagrams of problems unique to health clubs, paper mills and swimming pools.

- **Low Slope Roofing:** Centers on the special problems that are unique to low slope roofing and the seven components that constitute a roofing system.
- **Fire:** Studies how UL and FM keep the spread of fire contained, and includes an overview of how products and systems are tested and listed.
- **Roof Inspections:** Explores the methodology of performing roof inspections and software for the standardization of roof survey formats.
- **Other Topics:** Roof consulting practices, moisture testing, ethics, asbestos and glossary of terms.

The advanced course is offered on February 11, 12, 13, and 14. It will include:

- **Wind:** Includes discussion of Zone 3 requirements, perimeter attachment, partially enclosed designs, pressure equalization and wind research.
- **Drainage:** Practical study of drain placement and sizing, and the factors in correcting existing "ponding".
- **Thermal:** Concentrates on vapor diffusion through walls and airseals, high humidity environments and IRMA systems.
- **Decks:** Discussion on different decks and their uses.
- **Flashings:** Explains proper design principles through their functions and requirements.
- **Waterproofing:** Examines below-grade membranes and systems, failure investigation, repair and replacement.
- **Warranties:** Frank discussion of warranty provisions and exclusions for the owner.
- **Roof Systems:** Explores the decision making process and the factors that determine those decisions.
- **Practical Consideration:** Covers issues such as local codes, labor practices, unions, weather and construction scheduling.
- **Core Cuts:** Concepts and protocols for taking cuts.

These courses qualify for AIA CEU's. For registration or additional information, call course registrar: Nancy Trowbridge 503/655-3373, Roofing Technologies Seminar, P.O. Box 1176, Oregon City, OR 97045. 10% discounts are offered to CSI members.

The following article was published in the Puget Sound and Mt. Ranier newsletters.

Are Trade Shows Obsolete?

Dick Kissick CCPR

Since CSI chapters rely on trade shows for much of their income, the question may seem strange to ask.

As a veteran of many CSI product shows and a strong advocate of CSI, I have exhibited in some shows that were, well, dismal. Why? Because we exhibitors spent our time talking to each other, and not to the people we were there to see: the architects, specifiers, and other professionals who were invited to come, but didn't. And yet, the chapter says it was a great show because THEY made money!

This question has been the topic of many of us reps over coffee, or something stronger, in trying to evaluate the show in which we just took part, and would we ask our

companies to pay to do it again next year? Of course, we always see the regulars who attend and appreciate their support. But, what about those who find it inconvenient to get out of their offices to go downtown? What will motivate them?

A past Industry Director from Denver asked me this question in San Francisco this summer, and it got me thinking, again, for a change! Is there a better, more creative way to present products to architects and specifiers than the way it has been done? I think it is worth some thought, don't you?

Perhaps some architects who don't attend will read this and have some good comments to offer in response - let's hope so!

CSI October 17 Meeting



1. The speakers: Steve Robinson, Paul Zumwalt and Kevin Khonstimm.



2. Ken Searl, Jim Wilson and John Lape.



3. Jim Wilson and Jeffrey Houle.



4. Mrs. Skip Brown and M.A. Hutchins.

Portland Chapter Leaders

President	
John Lape CCS	243-2837
President Elect	
Dale Kuykendall CDT	777-5531
1991-93 President	
Jim Hirte CDT	620-0106
Secretary	
D.R. "Skip" Brown CCS	224-6040
Treasurer	
Vicki Miller	226-3508
Executive Director	
Margie Largent	620-6573

Board of Directors

Larry Chew CCS, Prof. '95	226-1575
Pat Murphy, Ind. '95	777-2204
Jim Wilson CCS, Prof. '95	222-1917
Gunnar Forland CDT Ind. '96	228-7028
Ed Fatz CCPR, Ind. '96	646-5593
I. McCormick CCS, Prof. '96	292-3958

Committee Leaders

Awards	
Ed Fatz CCPR	646-5593
Certification	
Tim Cockburn CCPR	643-9480
Editor	
Gloria Rasmussen CCS	635-3199
Assistant Editor	
Inge Carstanjen CDT	635-6227
Membership	
Lee Kilbourn FCSI, CCS	224-3860
Products Rep Share Group	
Mike Beeson CDT	684-3187
Products Fair	
William Clark CDT	(206) 260-2337
Program	
Jody Moore CCPR	284-6799
Technical	
Paul Wilson CCS	242-0123
Bylaws	
Ken Searl FCSI CCS	362-3472

Institute Responsibilities

Nominating	
Jim Robertson FCSI CCS	342-8077
Jury of Fellows	
Dave Thomas FCSI	(206) 337-8971
Technical	
Chris Bushnell CCS	(206) 357-9988
Education	
Ron Eakin	686-3355
Marketing/Membership	
Dick Kissick CCPR	(206) 383-9790

Region Responsibilities

Awards	
George Eidam	(208) 345-7127
Education	
Jeff Callahan CDT	(907) 753-3243
Membership	
Vance Taylor	(907) 563-5570
Publications	
Brad Williamson CCS	(206) 623-4646
Technical	
Jim Wilson CCS	(503) 222-1917
Certification	
Sandi Velleca CCS	(907) 349-5148
Planning	
Elliot Mohr	(509) 535-0683

Institute Directors

Northwest Region

Jim Chaney CDT	
McKenzie Commercial Cont., Inc.	
865 W. 2nd Avenue	
Eugene, OR 97402	(503) 343-7143
Jim Adkins CCS	
Specifications Consultant	
8625 26th Avenue NE	
Seattle, WA 98115	(206) 528-4744

A Calendar of Region Chapter Meetings

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

Cook Inlet, Anchorage, Alaska	
Third Tuesday	
Ken Maynard	(907) 276-4218
Idaho, Boise	
First Tuesday	
Scott Henson	(208) 345-6677
Mt. Rainier, Tacoma, Washington	
Third Tuesday	
Cheryl Rue	(206) 383-3084
Portland, Oregon	
Second Tuesday	
Jody Moore	(206) 574-3449
Puget Sound, Seattle, Washington	
Second Thursday	
Relta Gray	(206) 328-3393
Capitol, Salem, Oregon	
Second Thursday	
Darwin Doss	(503) 581-5151
Spokane, Washington	
Second Thursday	
Tom Crossan	(509) 624-4281
Willamette Valley, Eugene, Oregon	
Last Thursday	
Paul Edlund	(503) 485-1941

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PORTLAND CHAPTER MEETING SCHEDULE

- December 13, 1994** **Portland CSI Dinner Meeting**
Holiday Program: Stacy
Allison, first American woman
to climb Mount Everest
- January 10, 1995** **Portland CSI Dinner Meeting**
Developing Environmentally
Sensitive Sites
- February 7, 1995** **Portland CSI Dinner Meeting**
Contractor Share Group
Presents! "Mid-Project Job
Meeting"
- March 14, 1995** **Portland CSI Dinner Meeting**
Coordinating Consultant's
Specifications
- March 15, 1995** **Seminar: 8:00 AM to 5:00 PM**
Coordinating Consultant's
Specifications
- April 11, 1995** **Portland CSI Dinner Meeting**
Joint Meeting with AIA
- May 2, 1995** **Portland CSI Product Fair**
- March 15, 1995** **Portland CSI Dinner Meeting**
Bid Document Awards: Entry
Reviews
- June 13, 1995** **Portland CSI Dinner Meeting**
Member Recognition Banquet

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For More Information, call:
GUNNAR FORLAND 228 - 7028

Membership dues for one year are: Institute \$130,
Portland Chapter \$30.00, total investment \$160.
Please send your check payable to Construction
Specifications Institute, c/o Lee F. Kilbourn, FCSI,
315 SW 4th Avenue, Portland, OR 97204



Advancement
of Construction
Technology

THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 6

January 1995

Developing Environmentally Sensitive Sites

Working Together to Develop "Brownfield" and "Greenfield" Sites Successfully

As increasing population and development stress urban growth boundaries, sites that were once considered undesirable are getting increased development pressure. Both used and unused sites are feeling this pressure. "Brownfields" refers to developed sites, generally in urban areas, which may be contaminated from prior use.

"Greenfields" refers to unused and uncontaminated suburban and rural sites. The owner, project architect, contractor and material suppliers face special risks when working on these sites.

On Tuesday, January 10, 1995, an expert panel will give practical guidance for developing projects on environmentally sensitive sites. Presenting case studies of local projects, they will address strategic planning with the owners to protect site amenities, conducting thorough environmental assessments, building the project team, and preparing construction specifications. The panel will discuss current rules and strategies and trends for the future:

- **David Rankin**, Professional Geologist, Principal, AGI Technologies Inc., (formerly Applied Geotechnology Inc.), Portland office, will present his firm's experience with a "brownfield" site on NW 9th Avenue, Portland.
- **Stan Geiger**, Vice President and Senior Ecologist, SRI/Shapiro Inc., will review his firm's work on two 200 acre "greenfield" sites at the Columbia South Shore.
- **Claudia Powers**, Partner, Ater Wynne Hewitt Dodson & Skerritt, chair of this legal firm's environmental practice group, will moderate the panel discussion and present her views on how to successfully develop difficult sites.

Please make your reservations by 5:00 P.M. Friday January 6. Call (503) 223-8231 or fax the back page of The Predicator to (503) 220-0254. If your call is greeted by a recording, leave a message requesting a return call.

Developing Environmentally Sensitive Sites

Atwater's - Floor 41 of the US Bancorp Building, 111 SW 5th Avenue, Portland
Non-members are welcome!

5:30 No host bar - 6:30 Dinner
7:30 to 9:00 Program
Dinner Cost: \$20.00 reserved,
\$25.00 later or at the door;
Cash/check/Visa or Mastercard ONLY

Can't be with us for dinner?
Come to the Program at 7:30
"No-Shows" will be billed; you may cancel
until noon the day of the meeting -
be sure to obtain a cancellation number from the
Chapter Office



The President's Message

John Lape CCS, President

This month's issue of The Predicator marks the beginning of a New Year. Many of us hope that 1995 brings growth to our businesses and increased understanding of what we as individuals and what our company's can offer to the construction industry.

Our chapter meeting in November was focused on strategic planning for our chapter. Jim Mozena, a facilitator, helped the gathering of about 50 chapter members through an enlightening planning session. This chapter meeting was different than many in that it was a "roll your sleeves up" work session. We started the evening with brief discussions around the table regarding why each of us joined CSI and what we hope to get out of it. From there, Jim led us through several series of questions to focus our vision on where we would like the chapter to go in the next five years. It was a fast paced evening with barely enough time for summary at the end.

Each table came up with a top three points that they felt were important. These items were then placed on pads on easels for the whole group to vote on. We attempted to eliminate some of the duplications, but time did not allow us to refine the process. I have taken the liberty of grouping some of the results shown on the next page. The actual voting was done on prepared slips of paper that had a check off box indicating whether the individual was a product rep, contractor or architect/ engineer/ specifier. The results, published on Page 5, indicate all of those topics receiving votes by the group as a whole, and then the top three or four for each sub-group. Greater Education Opportunities was not only the leading vote getter of the overall group, but also of each of the sub-groups. It became apparent in the discussions that evening that Education was thought of in a very broad and diverse way. In trying to summarize it into one sentence, I felt that people were looking for chances to not only educate themselves, but also the construction industry. People want to be not only the pupil but teacher as well.

I think that many of the items receiving votes that related to having a diversified membership, active share group interaction, etc., really related back to the education issue. It is CSI's diversity of perspectives that make it so appealing to many of us. As my friend Gunnar said recently, "we could be viewed as the duct tape of the construction industry". Our diversity offers many opportunities for educating and understanding this business. This diversity gives us avenues to not only learn but to teach as well. Within our group we have many pupils and teachers. Often it's the same person who learns on the one hand and educates on the other. To do this within our organization of almost 400 is relatively easy. To stretch out beyond our membership will be a greater challenge.

There are many things that we are already doing, as a chapter and individuals, that help further these goals. Some of the more obvious are our dinner programs, certification courses, and Products Fair. We have taken strides in the last few years to increase our joint participation with other associations. This has led to greater understanding of other perspectives in the industry. It has also led to increased awareness of what CSI has to offer. Our collaboration with IIDA (formerly IBD) will lead to an expanded Products Fair, at a better location, with seminars for even more educational opportunities. PEO is helping us put on a "Coordinating Consultants Specifications" seminar in March. We've had joint meetings with AIA and SMACNA. CSI members formed and serve several functions on the Joint Codes/Permit Committee with the City of Portland.

Some of these may not be traditional classroom education, but they are learning opportunities nonetheless. Our most traditional classroom setting offering, the certification classes, represent a huge untapped opportunity. Yes, these classes talk about specifications, but they spend equal time on contracts, general conditions and bidding. Whether you take the certification test or not, these classes represent a great educational opportunity to the whole industry. Why not add some more chairs and invite more people to attend? We already do some less obvious educational events. Each time a product rep. puts on a box lunch, or makes a sales call, they are teaching and someone else is learning. When our share groups gather, whether individually or as mixed groups, information and learning is exchanged. But it is a largely untapped potential.

Think of the potential that we have as a group. What kind of roofing series could the 30 roofing rep's we have in our Chapter put on? We have people right here in town that represent some of the finest coatings and paints available. Portland is home to the current SMACNA President. We have members who have helped write AIA documents. We have people that have helped write zoning ordinances and who have influenced code changes. In March, we will host the chair of the committee revising MASTERFORMAT.

We are a large Chapter that has grown in stature and can attract high calibre people and speakers. But many of our educational opportunities will not be on a Chapter wide basis. We shouldn't expect our dinner programs, for example, to appeal to our entire membership. One month they may attract a certain membership portion, while the next month's topic may appeal to people with a different interest. Our education opportunities must continue to be a broad range with a diversity of opportunities, methods and size. Some of these opportunities, whether you are the pupil or the teacher, are already out there waiting for you to take advantage of them. Some will be initiated by the Chapter or committee. I hope that others will come from individuals. The increasing complexity of our business, and the continuing education requirements for membership in AIA, represent opportunities for CSI to continue to be leaders in the "Advancement of construction technology through communication, education, research, and service".

For a result of the votes cast during the November meeting, see Page 5.

CHAPTER NEWS:

Important! Read This!

The Portland Chapter CSI is pleased to announce that it is a licensed provider for AIA Continuing Education Credits. For the time being, John Lape is the coordinator for our chapter. Chapter activities that want to offer continuing education credits need to submit program information prior to the program.

AND...

If you have any changes you need made in the chapter directory, please contact Lee Kilbourn, (503) 224- 3860, as soon as possible. The new directory is being compiled now.

MEMBER NEWS

The Kilbourns, Lee and Dr. P.K., were missing at the November meeting. You probably noticed. They were in Phoenix, AZ, where Dr. Perky was presenter of a case report at the ASTM symposium "Medical Applications of Titanium and Its Alloys: The Material and Biological Issues". Perky's case report on "Titanium and Interstitial Lung Disease" was her own personal experience with such an implant and its medical effects (1991).

Jim Hirte and others, including wife Laura, will spend some time in Honduras this month building a school and a dormitory in ten days (?).

PORTLAND CHAPTER CSI BOARD OF DIRECTORS

MINUTES OF November 1, 1994 MEETING

D.R. "Skip" Brown AIA CCS, Secretary

The meeting was called to order by President John Lape at 12:00 PM at the AIA/CSI Office.

PRESENT: Brown, Chew, Forland, Hirte, Kuykendall, Lape, Largent, Miller, Murphy, Wilson.

ABSENT: Fatz, McCormick.

ALSO PRESENT: Rick Heiserman

Discussion

Approval of Minutes: Minutes of the October 4, 1994, Board of Directors meeting were amended to show Murphy as present.

Treasurer's Report

1. The revised final fiscal Treasurer's Report Budget for 1994/1995 was distributed.
2. The current budget (July 1 to November 1) was issued. The current program meeting costs are now reflected.

Correspondance Reports

1. Jim Chaney will be here for the December 13 program meeting and has requested the Board Meeting to occur the same day, in order for him to attend both. Request accepted. Also, John Lape sent Jim Chaney and Jim Adkins a letter concerning Jim Dufala's request for the establishment of a CSI Chapter in Russia.
2. The Member Resource Form appeared in The Predicator. Submit to the Institute and please send a copy to John Lape at the Chapter's offices.

Old Business

1. National Education Seminar: Remains scheduled for March 15, 1995. The Professional Engineers of Oregon, PEO, is the joint sponsor for this event.
2. Retired/Emeritus Member Expenses: On-going committee investigation.
3. Strategic Planning: Plan on splitting up the board members so that each table for the evening program

has a board member to act as a mini-facilitator. Continue to ask the question "What do you want?" to keep things rolling.

4. New Member Orientation: To occur at 5:00 before the evening meeting. Dale asks how we can direct these new members for participation in committees?
5. Region Conference: Bi/Tri Region Conference are only scheduled by the Institute. Conference location options include: Salishan, Skamania Lodge, Timberline Lodge, Inn at Ottercrest, Kah-nee-ta. Other suggestions may be directed to John Lape.
6. Products Fair: IIDA (International Interior Design Association) will be a co-sponsor of the 1995 Products Fair. They will endeavor to have educational seminars for morning meetings with possible credit towards professional CEU's. Bob Hastings has talked with John Lape about AIA becoming more of participant in the Products Fair. The AIA Spring Lecture series usually occurs on Tuesdays. This may not mesh well with the timing of the Products Fair on Tuesday, May 2, 1995.
7. CEU's: Credits for year's program have been rejected by AIA staff. John is seeking a licensed provider status for our chapter in order to streamline CEU credit for program and certification activities.

New Business

1. Membership: We are the fourth largest chapter in the nation, counting only members with Portland as their home chapter. The 400th member should be a special event. The Oregonian, Daily Journal of Commerce, etc., should publicize this event. Both, the new member and the member that brought in the new member, should be honored. Options: Free monthly meetings for both for the year? Some costs for attending the National Convention?
2. FCSI: Are there any members that may be eligible for this honor? Contact Margie Largent.

Committee Reports

1. Larry Chew: Gloria Rasmussen is concerned about the material for The Predicator not being submitted early enough (on time) to be included in the printing.

Next Meeting Date: December 13, 1994, at Noon at the Association Offices (AIA/CSI).

Meeting was adjourned at 12:55 PM

Editor's Note:

My dear friend Inge received a letter from Jim McKellar, Publisher of SUN/COAST, ARCHITECT/BUILDER, in which Jim remarks on Inge's disbelief regarding the apparent high cost of the Trinity Cafe in San Francisco, which Inge mentioned in her article for July/August issue of The Predicator.

The figure given by the magazine's May issue is of \$1 million dollars for 365 square feet of construction, which seemed excessive.

However, the magazine checked this, and the amount is correct. This is a charming little coffee shop, but WOW! I wonder who the architect was?

Also, Inge was guest presenter of her award winning (Region) "New Member Orientation" at the Cook Inlet Chapter on November 2, 1994. The program was planned by Sandra Vallega and eight or nine new members were oriented, including the membership chair and several "older" members as well.

The following are the results of the votes that the members attending the November meeting cast and which reflect their views on the future directions and goals of CSI Portland Chapter.

RESULTS OF PORTLAND CSI VOTE

OVERALL MEMBERSHIP

VOTES	ISSUE
27	Provide Greater Education Opportunities.
20	More Diversified Membership "Active".
3	Diverse Appeal-Industry Wide Participation.
14	Greater Interaction Within Share Groups.
4	More Share Groups.
8	Promote CSI to Regulatory Agencies.
5	Active Recruiting Through Other Organizations.
5	Broader and More Effective Communication of CSI to Other Building Industry Community Members.
8	Advancing the Use of Electronic Media.
3	Central Source for Information, i.e. Library Type.
2	Increase Information Interchange.
10	Leaders of a Unified Construction Industry.
7	More Aggressive Funding Through Active Members and Activites.
6	Provide Program Information Sooner To Encourage Greater Attendance.
2	Make Visitors More Accessible.
5	Products Fair & Education Event.
5	Professional Administrator & Office to Maximize Volunteer Time & Facilitate Chapter Development.
1	Better Internal Publicity.

PRODUCT REPRESENTATIVES (Top 4)

VOTES	ISSUE
10	Provide Greater Education Opportunities.
8	More Diversified Membership "Active".
6	Greater Interaction Within Share Groups.
5	More Aggressive Funding Through Active Members & Activities.

CONTRACTORS (Top 3)

VOTES	ISSUE
7	Provide Greater Education Opportunities.
5	Greater Interaction Within Share Groups.
3	More Diversified Membership "Active".

ARCHITECTS/ENGINEERS/SPECIFIERS (Top 4)

VOTES	ISSUE
10	Provide Greater Education Opportunities.
5	Leaders of Unified Construction Industry.
5	More Diversified Membership "Active".
4	Advancing the Use of Electronic Media.

This is the fifth in the series of projects in the Oregon/Southwest Washington area nominated for "good construction documents".

Project Profile

The Contractor's Share Group

PDX Terminal Expansion North - Phase II - Concourse D

Portland International Airport, Portland, Oregon

The Terminal Expansion North Project (TEN) at Portland International Airport began in November 1991 and was made up of two major phases: Phase I included the new Concourse E (completed November 1992) and an extension of the Terminal Building (completed in December 1993); Phase II included Concourse D with the new building and north side gates completed in October 1994, and south side gates due to open in March 1995. The Terminal Expansion North is projected to be completed 14 months ahead of schedule and \$5 million under budget.

Concourse D connects to the international concourse completed in 1989 and its design complements the architecture of that facility. The passenger-friendly design reflects the Northwest image. An abundance of natural light was incorporated through the extensive use of skylights; the finishes selected are warm in character but durable. Moving walkways and interior plantings complete the environment created for the many visitors to Portland. The exterior materials include anodized aluminum panels, gray brick, and green tinted glazing.

The construction documents prepared for Phase II benefited from the lessons learned during the construction of Phase I. ZGF refined details and improved systems, based on input from Baugh Construction Oregon, Inc., and the many others involved. The schedule for the preparation of documents and for construction was escalated from "fast track" to "laser light speed", and finally, to "warp speed", in order to allow for earlier than planned occupation and to reduce the lease fees paid by the airline companies using the facilities. A year was shaved from the overall schedule by combining building stages and accelerating other project components. Baugh Construction was able to push up the completion date by an additional two months with further coordination and phasing efforts.

The success of the TEN project can be traced to the leadership provided by the Port of Portland and the selection of a team that worked towards common goals. The Port recognized the importance of teamwork early in the project and scheduled several "Team Building" sessions involving the primary members. A bond was formed among the designer, contractor and owner. Problems were resolved on a solution only basis without finger pointing and blaming. In these days of cost overruns and delays, it becomes truly unique to see public projects that meet their commitments on time and within budget. Concourse D completes a \$125 million project with goals realized and expectations exceeded.

Project Team

OWNER

Port of Portland

Jill Kremen, Project Manager
Steve Jannsen, Project Engineer
John Durst, Port Construction Manager

ARCHITECT

Zimmer Gunsul Frasca Partnership

Bob Frasca, Design Partner
Larry Bruton, Partner in Charge
Kelly Davis, Project Manager
Mark Foster, Senior Designer
Doug Sams, Project Architect
Lee Kilbourn, Senior Specifier
Dennis DeStefano, Project Specifier

STRUCTURAL ENGINEERS

KPH Consulting Engineers
Gaafar Gaafar, Project Manager
Mike Walkiewicz, Senior Engineer

GENERAL CONTRACTOR

Baugh Construction Oregon, Inc
Ross Vroman, Project Manager
Herschel Reaves, Superintendent

MECHANICAL/ELECTRICAL ENGINEERS

PAE Consulting Engineers
Bob Sulek, Project Manager/
Electrical Engineer
Mike Firestone, Mechanical Engineer
Gary Toole, Mechanical Engineer
Mark Ramsby, Lighting Designer

MAJOR SUBCONTRACTORS

Bromley Inc - Masonry
Action Steel Erectors - Steel erectors
McBride Sheet Metal, Inc. - Expansion joints
Snyder Roofing & Sheetmetal - Roofing
DeaMor Associates, Inc. - Skylights
Interior Technology - Coiling grills
Benson Industry - Glass and glazing
Western Partitions - Metal studs/drywall/plaster
Fujitec America - Elevators, moving walkways
Total Mechanical - Mechanical
Electrical Construction - Electrical

CIVIL ENGINEER

HNTB Corporation
Hans Conradt, Project Manager

The Contractor's Share Group members are:

Donna Armstrong CDT, Jerry Harris, Nash Hasan, Ed Loy CDT, Marty Lundell CDT, Jim Rother CDT, Matt Winkler and Dale Kuykendall CDT

Concourse D, Interior



Revisions to Addendum 1 for 1994 directory:

Frank Calabrese address is
707 41st Place, Everett WA 98201

Skip Huffman and **Pozzolanic NW** are now at
729 Molalla Avenue, Suite 2
PO Box 70
Oregon City OR 97045
503/657-5159
Mobile 503/781-4579
FAX 503/657-5087

Revisions to 1994 directory:

Judy Andreen is now with
Subtle Surfaces
PO Box 485
Beavercreek OR 97004
503/632-4330

Mike Beeson is now with
Rose City Building Materials
7220 SW Bonita Road
Tigard OR 97224
503/684-3187
Mobile 503/789-2781
FAX 503/684-9876

James Cundiff and **Accipio** are now at
4120 SE International Way, Suite A213
Milwaukie OR 97222

Anthony Fennig is now with
Hanson Dunahugh Nicholson Architects
215 SW Park Avenue
Portland OR 97209
503/224-0110
FAX 503/224-5948

Kevin Folker's mobile phone # is 503 / 780-2474
His office number is 667-5537, and
Fax number is 503/661-7063

Lewis "Lou" Garrison moved his offices to
505 South Green Island Way
Camano Island WA 98292-8477
206/387-2135
FAX 206/387-5408

Fred Gast AIA
2818 N. W. Beuhla Vista Terrace
Portland, OR 97210
503/223-0222

Susan Gilpin is now with
Jacobs - Sirtine Engineers
5000 Meadows, 4th floor, Lake Oswego (97035)
PO Box 5210
Portland OR 97208
503/624-3091
FAX 503/624-3001

Doug Isaacs second 'phone listing should be
(206) 695-4070 for our friends north of the river.

Keith Kolbu moved (residence) to
9720 SW Durham Road
Tigard OR 97224
503/968-7208

Hilary Nally's office location is now
519 SW Park Avenue, Suite 407
Portland OR 97205
503/222-1188
FAX 503/222-1189

Stan Nelson's Fax number is 206/905-2222

Jim Newcomer's street is Northrup

Lou Novak's firm, Window Tech, is located at
15 Ward Street, Seattle 98109.

Dennis Obert's fax number is now the same as his
voice line.

Mark Pavic
5824 Province Court
Lorain OH 44053

Steve Reidy is now with
PAE Consulting Engineers, Inc.
808 SW Third Avenue, Suite 800
Portland OR 97204
503/226-2921
FAX 226-2930

Ron Schoenheit, new street address is
1239 SE 12th Avenue (97214)
503/233-1530
800/999-COIL
FAX 503/233-1398

Bob Thompson, institute mail goes to
5316 NE 53rd Street (97218)
Creative Central showroom is at 1314 NW
Northrup; mail should go to
PO Box 6410
Portland OR 97228 - 6410
Phone / FAX numbers not changed.

Jim Van Duyn, new address is
111 SW Columbia
Portland OR 97201
503/228-1777
FAX 503/227-3015

Teresa Werkosky is now with
United Tile
3435 SE 17th Avenue (97202)
PO Box 42548
Portland OR 97242
503/231-4959; 800/452-8522
FAX 503/231-1264

Joe Worth is now with
Worth Corporation
5355 Worth Way
Philomath OR 97370
503/929-6847

NOTE: This addendum does not include
revisions to listings of former members.

New Members:

DIANE BLITZER
Boucher Mouchka Larson
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Portland, OR 97204
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FAX 503/223-5094

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Thomas Kay Textiles, Inc.
1585 Liberty Street
Salem OR 97302
503/581-8378

NEAL S. BRADY
G. V. A. Inc
4434 SE Division Street
Portland OR 97206
503/233-8811
FAX 503/233-8876

DENNIS W. CARVER
Carver & Associates
703 Broadway, Suite 500
Vancouver WA 98660
206/750-6723
FAX 206/750-6726

JOHN COLLETTE
Benchmark
9175 North Bradford
Portland, OR 97203
503/285-0058
FAX 503/285-7381

KEN CROUSE SR.
Laticrete International
1512 NE Edgepark Drive
Vancouver WA 98663
206/693-0219
800/243-4788 + 89 + 556
FAX 206/693-0219

ART EMERSON
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FAX 503/691-5169

RUSSELL L. EMMERT
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Scappoose OR 97056
503/543-5921
503/543-6361

SCOTT R. FARNSWORTH
LTK Engineering Services
28 S. W. First Ave., Ste. 600
Portland, OR 97204
503/248-1790
503/227-1156

VANCE E. FRANKAMP
Commercial Roof Management
32355 Coal Creek Road
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FAX 503/255-6176

IRIS GIBSON
Deamor Associates, Inc.
1111 N. E. 95th St. #A
Vancouver, WA 98665
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FAX 206/574-3487

CHARLES HAYWARD
Landscape Construction
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PAUL J. HOLMA
Bradach Law Offices
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503/238-7170
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MARC A. LABADIE
Thompson Vaivoda & Associates
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Tigard, OR 97223
503/590-0835
FAX 503/590-3739

NEIL LEE
Jon R. Jurgens & Associates
15455 N. W. Greenbrier Pkwy #260
Beaverton, OR 97006
503/690-1779
FAX 503/690-0913

MIKE LEMIN
United States Aluminum Corp.
20901 NE 96th Avenue
Battle Ground WA 98684
800/766-6063
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FAX 800/866-6063

BILL LORENZ
Pella Windows & Door of Oregon
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800/938-4622
FAX 503/644-7789

JIM MANN
Yost Grube Hall AIA P.C.
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JEFFREY MILLER
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ROBERT O'HALLORAN
Allen Yazbeck & O'Halloran
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FAX 503/227-2669

ROBERT OKANO
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FAX 503/283-3607

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Tektronix, Inc.
Box 500, 22-075
Beaverton OR 97077
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P. TOM REGAN

Viking Industries, Inc.
18600 NE Wilkes Road
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Portland, OR 97220
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FAX 503/669-1135

PAUL RIESEBIETER

Soprema Roofing and Waterproofing
7616 NE Hazel Dell Avenue
Vancouver WA 98665
206/693-6256
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FAX 206/699-5318

DAVID L.RODEBACK

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C. KEIGH SCHABER

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FAX 503/655-8148

ANDREW J. SCHWARZ

Schwarz & Associates
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Renton, WA 98055
206/277-0631
FAX 206/277-5446

GREGORY A. SEELEY

Custom Products & Services
11017 NE 96th Street (98662)
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Vancouver, WA 98668
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DAVID L. THILLEN

Geo Engineers, Inc.
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503 / 620 5940

TERRY M. WALHOOD

Sequent Computer Systems, Inc.
15450 S. W. Koll Pkwy MS RHE1050
Beaverton, OR 97006
503/578-3773
FAX 503/578-3117

J. JEFFREY WELCH

Mackenzie/Saito & Assoc., P.C.
0690 SW Bancroft Street
P. O. Box 69039
Portland, OR 97201
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Recently Affiliated with Portland Chapter:

DENNIS BROWN

Capitol City Door, Inc.
1450 Front Street NE, Suite B
PO Box 7383
Salem, OR 97303
503/585-2501
FAX 503/370-7938

MYRON K.HUDSON

Douglas Engineering Pacific, Inc.
212 Van Ness Avenue
Ashland, OR 97520
503/857-1663
FAX 503/482-6259

Kilbourn doesn't know why this person was not listed in Addendum 1, he was at the Convention. Now he's with the firm listed:

MICHAEL WILLIAMS

MB Technology
2405 First Street
Tillamook OR 97141
503/842-7700
800/621-9281
FAX 503/842-7700

Specifying Bugholes, Voids And Blemishes, or, How to Get What You Really Want in a Precast Concrete Finish.

By Ralph C. Robinson CSI, Member Emeritus

A respected teacher once taught me that the first step in finding a solution is defining the problem. So, let's look at some definitions: From the National Association of Women in Construction's "Construction Dictionary":

- Bugholes** "Small, regular or irregular cavities, usually not exceeding 15 mm (5/8") in diameter, resulting from entrapment of air bubbles in the surface of formed concrete during placement and compaction."
- Voids** "Spaces between grains of sand, gravel or soil that are occupied by air or water or both."
- Blemish** "Any imperfection that mars the appearance of wood, concrete, paint or other finished surface."

And, just for kicks, let's throw in:

- Rock Pocket** "A porous mortar-deficient portion of hardened concrete consisting primarily of coarse aggregate and open voids, caused by leakage of mortar from its form, separation during placement, or insufficient consolidation (See honeycomb)."

Most specifications recognize the expert opinion that rock pockets and honeycombing are unacceptable, and unless properly repaired, are cause for rejection of the product. So, when is bughole, void, or blemish acceptable? PCI Manual 117, *Quality Control for Plants and Production of Architectural Precast Concrete Products* lists "excessive air voids, commonly called bugholes, evident on the exposed surfaces" as normally unacceptable in Section 2.3.2. PCI's Manual, "Architectural Precast Concrete", Section 3.5.2 says: "Air holes of reasonable size, 1/8" to 1/4" should be accepted as part of the surface texture." The identical statement is made in Section 3.5.5 describing sand of abrasive blasting.

Many specifications, including Spectext and MasterSpec, incorporate PCI 117 by reference. The key word in 117, Section 2.3.2 is "excessive". My Webster's Collegiate defines "excessive" as "exceeding the usual, proper or normal." This sounds like another bear-trap awaiting the foot of the unwary supplier. Some architects make the acceptability question moot by specifying "No Bugholes". Most precasters like this unequivocal approach which puts all suppliers on notice that they will sack all exposed surfaces with bugholes. But then, how about the architects who accepts bugholes for design reasons. He should definitely specify that bugholes are acceptable and no sacking is required. This leaves him open to an unlimited number of bugholes as long as they are not rockpockets or honeycomb.

The going gets tough when, in the great middleground, "excessive" must be defined. A discussion of limitations may help. The occurrence of bugholes is usually limited to specific areas of the precast unit. The horizontally formed surfaces should be relatively free of bugholes. The process of vibratory consolidation of concrete allows the bubbles of air and water to migrate upward away from the form surface. The same fluid action, however, tends to concentrate bubbles on the vertical form sides, so even with careful placing and consolidation those surfaces will always have bugholes.

This means that a flat wall panel without exposed edges should have very few bugholes so that a smooth form finish, or lightly sandblasted finish, can be accepted without sacking. A panel cast with exposed edges or returning around a corner will show many bugholes on the vertically formed surfaces. Cast stone and honed/polished surfaces are so refined that any bugholes should be considered excessive.

We are then left with the decision: What should be considered excessive bugholes on smooth form finish or lightly blasted or retarded finishes? When the normal viewer will be 20 feet or more away from all of the precast units, no sacking should be required. A specification limiting the acceptable occurrence of bugholes such as "No more than 10 per square foot" is very difficult to interpret and troublesome to enforce. Bughole occurrence is seldom uniform from unit to unit; do you mean average, etc? If closer viewing is likely, units should be sacked and, in the case of lightly blasted, acid washed or retarded surfaces, refinished to a uniform appearance.

When there is any doubt about viewing distance or when acceptability of units when observed before installation, consider that the cost of sacking or refinishing is usually less than 15% of the total cost and opt for specifying "No bugholes on finished surfaces."

Letter to the Editor

I want to thank the program committee for an excellent program in November. It was very instructional. As our table discussed the various topics presented by the facilitator, some common themes emerged. These themes were reflected by the reports of the other tables. Strongest among these themes were: Broader information resources, faster flow of information, a more diverse and inclusive membership and professional development - education programs, the certification programs and the action and interaction of the three share groups.

As I listen to the comments about what CSI meant to the attendant membership and the directions recommended for the future, I was reminded of a riddle I recently puzzled over. This riddle was presented to me by a nine-year old. Anyone who doubts the wisdom inherent in nine-years olds has not dealt with one lately.

The riddle is reported to be an old Chinese version. A man wishes a dangerous wish: He wishes to be shown the difference between Heaven and Hell. His desire is granted. He is taken to Hell and is surprised at the scene. A feast of delicacies is heaped upon a banquet table, but the surrounding chairs are set too far for the would-be diners to reach the food. To make things worse, each diner has a set of three foot long chopsticks - long enough to reach the table, but too long to feed yourself. The visitor looks at the starving and miserable inhabitants of Hell and shudders.

He is then taken to Heaven and is doubly surprised to see the same scene as Hell. He sees the same table arrangement and the same impossibly long chop sticks. Before he is returned to Earth, he notices that the residents of Heaven are all well fed and happy. He was left to puzzle for the rest of his life just what made the difference between Heaven and Hell.

I won't tell how well I did with this riddle, but I will give the answer (if you haven't figured it out already). It seems that in Heaven people help each other and feed each other, while in Hell they think only of themselves.

Now, I am not suggesting that CSI involvement is any kind of Heaven. Some CSI work, such as editing the newsletter, even seems to be a particular hell reserved for the well intentioned. The message I am sending is that CSI has prepared me to be more helpful, and more importantly, to receive help from others. To me, the CSI Portland Chapter mission is summed up in the answer to the riddle.

Gunnar Forland.

Construction Specifications Institute 1994 Leadership Conference November 19, 1994, Las Vegas, Nevada

Richard Heiserman CSI

An update was given on the status of membership in terms of historical data, campaigns and cost of recruitment. Nationwide membership in CSI peaked in the late 1980's at almost 20,000 members and has been slowly rising each year from a low point in 1992. Institute is projecting 16,800 members for the year 1995.

In 1991 CSI started the Sponsor-a-Member Campaign which placed an emphasis on members recruiting new members rather than the Institute. The cost of recruitment has been reduced and the retention of members has increased. The increase in retention was attributed to a greater member to member relationship which was a result of the campaigns.

At the Conference it was mentioned that we need to take stock of the membership within our chapter to determine what members want from their chapter.

Our monthly meeting in November "Strategic Planning for Future Directions of Portland Chapter CSI" addressed exactly what they felt each chapter should do.

Other issues discussed were: determining members' priorities, identifying good leaders, who makes decisions for the chapter? It was mentioned that every organization is run by committees and looked at positive and negative points of committees

Finally, every organization has worthwhile programs and services to offer. Why, then, would someone join CSI? What are the benefits of joining this chapter for prospective members? As an ongoing process what must be done to enhance and expand those benefits to keep the chapter active and thriving?

The keynote speaker at this Conference was Mark Levin who makes presentations like this to organizations nationally and internationally. He has been invited to speak at the Northwest Leadership Conference in Tacoma, Washington in May 1995. Given what I heard I think it will be one of the better Leadership Conferences.

Rumor Has It

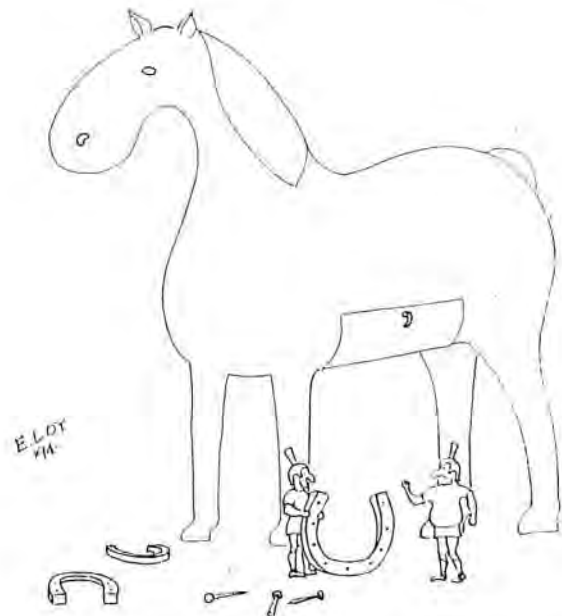
Phyllis Fritzie CDT

It has been brought to our attention that some people think our annual CSI Products Fair may be obsolete. After much thought on the subject, I must agree that the old show is worn out. So what should we do? Give up, bag it, or just forget about it? Well, guess what? Rumor has it that while we all sit back and wonder what someone is going to do about this dilemma, a group of very talented and creative people have joined forces to create a brand new version of "The Products Fair".

CSI and IIDA are putting together a great show for 1995. This new show will be an educational program, providing informative seminars. Another exciting rumor is that they already have a commitment from the "Guild of Oregon Woodworkers" as well as the "Oregon Potters Association" to be part of this year's program. If you have not have a chance to see some of their work, you really do not want to miss this opportunity.

Mark your calendars for May 2, and look for monthly updates on this year's program. If you would like to become part of this exciting opportunity, please call William Clark at (206) 260-2337.

LITTLE-KNOWN HISTORICAL FACTS



THE GIFT WAS NEARLY FINISHED WHEN A JURISDICTIONAL DISPUTE BROKE OUT BETWEEN THE FARRIER'S UNION AND THE STEELWORKERS.

Portland Chapter Leaders

President		
John Lape CCS		243-2837
President Elect		
Dale Kuykendall CDT		777-5531
1991-93 President		
Jim Hirte CDT		620-0106
Secretary		
D.R. "Skip" Brown CCS		224-6040
Treasurer		
Vicki Miller		226-3508
Executive Director		
Margie Largent		620-6573

Board of Directors

Larry Chew CCS, Prof. '95		226-1575
Pat Murphy, Ind. '95		777-2204
Jim Wilson CCS, Prof. '95		222-1917
Gunnar Forland CDT Ind. '96		228-7028
Ed Fatz CCPR, Ind. '96		646-5593
Ivan McCormick CCS, Prof. '96		292-3958

Committee Leaders

Awards		
Ed Fatz CCPR		646-5593
Certification		
Tim Cockburn CCPR		643-9480
Editor		
Gloria Rasmussen CCS		635-3199
Assistant Editor		
Inge Carstanjen CDT		635-6227
Membership		
Lee Kilbourn FCSI, CCS		224-3860
Products Rep Share Group		
Mike Beeson CDT		684-3187
Products Fair		
William Clark CDT	(206)	260-2337
Program		
Jody Moore CCPR		284-6799
Technical		
Paul Wilson CCS		242-0123
Bylaws		
Ken Searl FCSI CCS		362-3472

Institute Responsibilities

Nominating		
Jim Robertson FCSI CCS		342-8077
Jury of Fellows		
Dave Thomas FCSI	(206)	337-8971
Technical		
Chris Bushnell CCS	(206)	357-9988
Education		
Ron Eakin		686-3355
Marketing/Membership		
Dick Kissick CCPR	(206)	383-9790

Region Responsibilities

Awards		
George Eidam	(208)	345-7127
Education		
Jeff Callahan CDT	(907)	753-3243
Membership		
Vance Taylor	(907)	563-5570
Publications		
Brad Williamson CCS	(206)	623-4646
Technical		
Jim Wilson CCS	(503)	222-1917
Certification		
Sandi Velleca CCS	(907)	349-5148
Planning		
Elliot Mohr	(509)	535-0683

Institute Directors

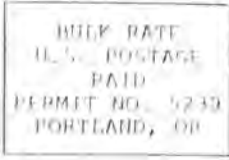
Northwest Region

Jim Chaney CDT		
McKenzie Commercial Cont., Inc.		
865 W. 2nd Avenue		
Eugene, OR 97402	(503)	343-7143
Jim Adkins CCS		
Specifications Consultant		
8625 26th Avenue NE		
Seattle, WA 98115	(206)	528-4744

A Calendar of Region Chapter Meetings

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

Cook Inlet, Anchorage, Alaska		
Third Tuesday		
Ken Maynard	(907)	276-4218
Idaho, Boise		
First Tuesday		
Scott Henson	(208)	345-6677
Mt. Rainier, Tacoma, Washington		
Third Tuesday		
Cheryl Rue	(206)	383-3084
Portland, Oregon		
Second Tuesday		
Jody Moore	(206)	574-3449
Puget Sound, Seattle, Washington		
Second Thursday		
Relta Gray	(206)	382-3393
Capitol, Salem, Oregon		
Second Thursday		
Darwin Doss	(503)	581-5151
Spokane, Washington		
Second Thursday		
Tom Crossan	(509)	624-4281
Willamette Valley, Eugene, Oregon		
Last Thursday		
Paul Edlund	(503)	485-1941



315 SW 4th Avenue
Portland OR 97204-2342

DATED MATERIAL

Address Correction Requested

ROBERT R. KLAS
EHMANN - KLAS ASSOCIATES
6775 SW 111TH AVE
BEAVERTON OR 97005-5366

PORTLAND CHAPTER MEETING SCHEDULE

RESERVATIONS BY FAX

- Jan. 10, 1995 Portland CSI Dinner Meeting
See front page
- Jan. 11, 1995 CSI Specifier Share Group
Environmental consultants Dave Rankin and Stan Geiger will continue wthe discussion on sensitive site development and look more closely at specifications. Noon at ZGF; bring your lunch.
- Feb. 7, 1995 Portland CSI Dinner Meeting
Contractor Share Group Presents! "Auto-Project Job Meeting": A live presentation of a jobsite meeting.
- Feb. 14, 1995 Portland CSI Dinner Meeting
Coordinating Consultant's Specifications
- Mar. 15, 1995 Seminar: 8:00 AM to 5:00 PM
Coordinating Consultant's Specifications
- Apr. 11, 1995 Portland CSI Dinner Meeting
Joint Meeting with AIA
- Apr. 29/30 Region Leadership Conference,
Olympia, WA
- May 2, 1995 Portland CSI Product Fair
Oregon Convention Center, 11:00 AM to 7:00 PM: A new location filled with new products and information!!
- May 9, 1995 Portland CSI Dinner Meeting:
Bid Documents Award: Entry Reviews.
- Jun. 16, 1995 Portland CSI Annual Golf
Tournament and Member Recognition Banquet

TO MAKE YOUR RESERVATIONS, COMPLETE BELOW AND FAX THIS PAGE TO:

(503) 220-0254

- I will attend.
- I will bring a guest whose name is _____
- Vegetarian meal.
- Program only; make a name tag for me.

If the mailing label is missing from the top of this page, please complete the following information:

Name(s) of Person(s) attending:

Company:

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Member Price: One full page - \$200
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For More Information, call:
GUNNAR FORLAND (503) 228-7028

Membership dues for one year are: Institute \$130,
Portland Chapter \$30.00, total investment \$160.
Please send your check payable to Construction
Specifications Institute, c/o Lee F. Kilbourn, FCSI,
315 SW 4th Avenue, Portland, OR 97204

THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 7

February 1995

Contractor's Share Group Players Presents!

All you ever wanted to know about a

Jobsite Meeting

(Without having to go to one)

At the February 1994 CSI dinner meeting, we watched "Bid Day" at Immense General Contractors while they prepared their bid for the KS Middle School Project. Immense was awarded the contract, and at jobsite meeting No. 42, they are getting together with the owner, architect, electrical consultant and several subcontractors who have issues that need attention. As the project nears completion, change orders, scheduling, requests for information and submittals still require action and resolution.

On February 7, 1995, the Contractor's Share Group Players present a live enactment of the jobsite meeting. Your attendance at this meeting will give you an insider's view into the problems caused by poorly coordinated documents, non-specific specifications, late submittals, unapproved substitutions, cost-driven value engineering and fuzzy communications. Who's job it is to make it all come out right, anyway? And who will pay? The players will deal with these issues and more!

Following the presentation, a full group discussion will give us the opportunity to look at what each player can do to improve the project and eliminate the headaches that so often accompany the jobsite meetings. Fax your reservation -using the form in The Predator's back page- at 503/220-0254, or phone the Association offices at 503/223-8231 before noon Friday, February 3, 1995.

JOBSITE MEETING - Contractor's Share Group Players

Atwater's - Floor 41 of the US Bancorp Building, 111 SW 5th Avenue, Portland
Non-members are welcome to attend.

5:30 No host bar - 6:30 Dinner
7:30 to 9:00 Program
Dinner Cost: \$20.00 reserved,
\$25.00 later or at the door;
Cash/check/Visa or Mastercard ONLY

Can't be with us for dinner?
Come to the Program at 7:30
"No-Shows" will be billed; you may cancel
until noon the day of the meeting.
be sure to obtain a cancellation number from the
Chapter Office



The President's Message

John Lape CCS, President

- "Contractor to build to code."
- "Contractor to comply with code requirements even if not shown on the Drawings."
- "Contractor to review Documents for code compliance and notify Architect of any discrepancies."

Don't you wish you were a contractor these days? Most of us have seen similar statements lurking somewhere in the project manual. As an architect, I admit that it's tough to keep up with all the code requirements and changes. But, should code compliance really be pushed off onto the contractor?

Contractors do need to be aware of regulations affecting construction; design professionals need to be aware of design requirements.

Is a statement like "install handrail extensions to meet code" really what we want? This was totally impractical in the last several codes when the Oregon Amendments adopted ANSI 117.1, and yet called for handrail extensions at bottom of stairs to be, first 6", and then 12", neither of which met the ANSI standard. Perhaps we were trying to have the contractor figure it out and then take the blame when it was done incorrectly. That way, our liability insurance people were pleased, and the owner was happy because he wouldn't have to pay to change it if the building official didn't like what was done.

I like the concept of partnering in construction. Even if it's not a formal partnering process that can be used on bigger projects, all jobs can benefit from an approach of cooperation and getting the job done. This doesn't mean, however, that we can tell a contractor to build something to code and then work out the details at job meetings. Each player in the process has roles and responsibilities that need to be met and addressed, not shirked.

I look forward to this month's presentation by the Contractor' Share Group. Their program last year on Bid Day was very enlightening to us all. It will be interesting to see how they handle a typical job meeting during the construction process.

A New "Perk" for Retired and Emeritus CSI Members

Dale Kuykendall CDT, President Elect

An ad-hoc committee made a proposal to the Board to provide some recognition for retired and emeritus members.

Starting at the February dinner meeting, retired and emeritus members of the Portland Chapter CSI, and their spouses, will receive a 50% discount on the costs of their meals. This will apply to all 10 of the regular monthly chapter meetings.

It is hoped that the chapter will benefit from continued involvement of our valuable, experienced members.

Spread the word!

EDUCATION PAGE

The Portland Chapter of CSI has committed itself to increased education opportunities. Education will be offered in many different avenues - by the chapter, by committee, by share groups, and by individuals. There will be formal classroom opportunities as well as more informal exchanges of information. If you have a function that you would like listed, contact the editor, Gloria Rasmussen 635-3199, or Education Chair Jim Wilson 222-1917.

The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape 243-2837.

Abbreviations:

LUs	AIA Learning Units available.
SSG	Specifiers share group - Paul Wilson 242-0123
PRSG	Product rep. share group - Mike Beeson 684-3187
CSG	Contractors share group - Marty Lundell 682-2878
Tbd	To be determined

LUs	Date	Event
None	2-06-95	PRSG lunch meeting.
None	2-07-95	CSG lunch meeting.
1	2-07-95	Mid-Project Job Meeting by CSG. Dinner and meeting 223-8231.
1	2-08-95	SSG lunch meeting.
1	2-22-95	SSG lunch meeting.
28	Feb&Mar	Study sessions for CDT, CCPR, & CCS certification. Tim Cockburn 643-9480. Note: LUs also available for instructors.
None	3-13-95	PRSG lunch meeting.
None	3-14-95	CSG lunch meeting.
1	3-14-95	Coordinating consultant's specifications. Dinner and meeting 223-8231.
14	3-15-95	Coordinating consultant's specifications. Full day seminar, John Lape 243-2837.
1	3-29-95	SSG lunch meeting.
None	4-10-95	PRSG lunch meeting.
None	4-11-95	CSG lunch meeting.
1	4-11-95	Joint meeting w- AIA. Dinner and meeting 223-8231.
1	4-12-95	SSG lunch meeting.
1	4-25-95	SSG lunch meeting.
Tbd	4-29-90	Region Leadership Conference, Olympia. Dick Kissick (206) 383-9790 or John Lape 243-2837
6	5-02-95	Products Fair seminar. Credits for 3 hour seminar. IIDA credits also available.
2	5-02-95	Products Fair. Credits per hour on floor. IIDA credits also available.
None	5-08-95	PRSG lunch meeting.
None	5-09-95	CSG lunch meeting.
Tbd	5-09-95	Bid Documents Award. Dinner and meeting 223-8231.
1	5-10-95	SSG lunch meeting.
1	5-23-95	SSG lunch meeting.
None	6-12-95	PRSG lunch meeting.
None	6-13-95	CSG lunch meeting.
1	6-14-95	SSG lunch meeting.
None	6-16-95	CSI golf tournament, Marty Lundell 682-2878.
None	6-16-95	CSI awards dinner. Dinner and meeting 223-8231.
None	6-23-95	CSI National Convention, Minneapolis, Minnesota, 800-689-2900

PORTLAND CHAPTER CSI BOARD OF DIRECTORS

MINUTES OF December 13, 1994 MEETING

D.R. "Skip" Brown AIA CCS, Secretary

The meeting was called to order by President John Lape at 12:00 PM at the AIA/CSI Office.

PRESENT: Brown, Chew, Fatz, Forland, Hirte, Kuykendall, Lape, Largent, Miller, Murphy, Wilson.

ABSENT: McCormick.

ALSO PRESENT: Jim Chaney, Rick Heiserman, Lee Kilbourn, Dick Kissick

Discussion

Approval of Minutes: Minutes of the November 1, 1994, Board of Directors meeting were approved.

Treasurer's Report

1. An update of the budget as issued by John Lape was approved.

Correspondence Reports

1. None.

Old Business

1. Retired Member Status: Dale reported on suggesting developed to assist the eight (8) retired and eight (8) emeritus members. A motion was made to accept the recommendation to give a 50% reduction in regular dinner meeting costs, including spouse, to these members. Motion was seconded and passed.
2. 1998 Region Conference: Time limits have reduced the options for location of the Regional Conference to Skamania or Salishan. John, Ed and Dale, will continue to investigate Region Conference requirements.
3. Continuing Education: John has successfully obtained form AIA National a "licensed provider" status for the programs offered by the Portland Chapter CSI. This will make our education programs attractive to AIA as continuing education credits (learning units) will be required to renew AIA membership beginning in 1997.
4. Strategic Planning: John handed out his "President's Message" which describes the process of November's Strategic Planning meeting. A summary of the membership's revealed desires on where Portland

Chapter CSI should go, and a tabulated list of statements (collated to product representative, contractor, architect/engineer/specifier groups) with vote count is included.

5. National Education Seminar: Remains scheduled for March 15, 1995.

New Business

1. Institute Directors: Jim Chaney CDT and Dick Kissick CCPR (Institute Director Elect) gave an update on changes occurring at CSI National. Jim's handout describes the following:
 - a. New CSI goals.
 - b. Institute investments in an Automated Specification System.
 - c. Changing rules on nomination and election of Region Directors.
 - d. Portland and Region membership levels (there are twice as many members per capita in the Northwest Region than in the rest of the nation.)
 - e. Two new Region and Hoc committees appointed: Specifications Proficiency Award and Model Substitution Request Form.
 - f. Attendance of CSI National staff at regional conferences (Mr. Balestrero may attend the Leadership Conference)
2. Membership: John showed an example of the Puget Sound Chapter's "new member" committee with phone numbers of the chairs for contact by new members. We could develop something similar to this for our new members.
3. Rick Heiserman and Dale Kuykendall reported on the Las Vegas Institute Leadership/Membership Seminar. Mary Bailey gave an update of the national membership status, the approximate 16,000 1994 membership is down from the high in the mid 1980's. Emphasis is on a long range planning membership priorities. Who makes decisions in local chapters? Dick Kissick commented that a survey of the new members should tell why someone joins CSI.

Committee Reports:

1. Gunnar Forland: The Predicator billing to advertisers is not clear. John and Gunnar will discuss the process.

Next Meeting Date: January 3, 1995, at Noon at the Association Offices (AIA/CSI).

Meeting was adjourned at 1:00 PM

DIRECTORY DEADLINE IS APPROACHING!

Mike Briggs

As most of you are aware, work is underway to complete the 1995 Portland Chapter CSI Directory and Specifiers' Guide. The deadline set for information to be submitted is February 15, 1995. This directory has developed to become a useful networking tool and desk reference guide. It is used by architects, spec writers, engineers, contractors, consultants, designers and other industry professionals as a vital link of communication within the design industry.

The 1995 edition will once again be published and marketed by Performance Publishing Inc., "You can be very proud of your organization and your directory is your showpiece. It demonstrates CSI's image in the marketplace and shows the industry what CSI stands for," said Performance Publisher Representative Mike Briggs. "This publication has been very well received and many of the professionals I work with have said they use it daily."

You are encouraged to take advantage of this direct ad cost effective marketing opportunity by contacting Mike Briggs with Performance Publishing at 503/232-0158. Mike reminds all CSI members. "Advertising is not an expense, but an investment: you are investing in yourself."

BS BY KS

MASONRY WATERPROOFING

Basic Specs by Ken Seard

As many of you may know, the University of Wisconsin at Madison presents "How-To" seminars. Recently, I received a brochure from them entitled "Masonry Design and Construction: How to Avoid and Solve Masonry Problems". This seminar, will be held February 21-22, 1995. Their outline goes into great detail listing subjects to be covered. One item that has caused many problems over the years is cleaning of masonry and placing water repellants. Their outline mentions cleaning of masonry, but does not cover placing masonry water repellents. Hopefully they will discuss this important item. It is noted that the University of Wisconsin at Madison has excellent seminars, and if you attend any of them you will get first class information.

For many years, our specifications called for this work to be included in Section 09900 - Painting. We continually had efflorescence and water penetration of exterior masonry on various projects. In desperation, I placed masonry water repellents in the masonry section, in effect making the masonry contractor responsible for the performance of masonry water repellents. I did allow the masonry contractor to either do the work, or by others, upon the approval of the architect. This included responsibility still remaining with Section 04200. After this procedure was placed in all our specifications, lo and behold, moisture penetration and efflorescence problems nearly disappeared.

For several years, this method worked fine, until on one large contract, the general contractor pulled it out of the masonry specifications and hired someone else to do the work at less cost in the bid package. Well, this did not work, because lots of efflorescence and water penetration occurred and was a problem much longer than it should have been. This forced me to place wording (boldface) in the specifications prohibiting the general contractor from removing this work from the masonry specifications. Since I semi-retired, I spend some time visiting various plan centers and reading work manuals on file. I note that the many specifications still call for masonry water repellents in Section 09900. Why is this? All I can figure out, is that it comes under the heading of "We have always done it that way".

If any of you folks out there would like a sample copy of Section 04200 mentioned above, please send a self-addressed, stamped envelope, to me, at 3100 Turner Road SE #416, Salem, OR 97032.

VALUE ENGINEERING
TRAINING SEMINAR

February 21-24, 1995

MENG Design/Analysis, a Seattle-based value engineering and architecture firm, is offering a value analysis/value engineering training seminar Tuesday through Friday, February 21-24, 1995 at the historic Pike Place Market in downtown Seattle.

Value engineering is widely used in the construction industry, and is mandated by numerous city, state and federal agencies in the US, as well as by the Canadian provincial governments. Large industries, such as Westinghouse Hanford, and municipal agencies, such as the City of New York, utilize value engineering services at MENG. Seattle-based contractors, Sellen Construction, Lease Crutcher Lewis and Turner Construction, have attended recent MENG training seminars and served on formal VE studies with MENG.

This seminar will be taught by Eric C. Meng, CVS, AIA. MENG Analysis has led more than 200 value engineering studies in North America, representing over \$2 billion of construction, with diverse project types, such as laboratories, schools, apartment houses, ocean class ferries and environmental remediation. Meng, President of the Seattle Chapter of SAVE, has lectured internationally on value analysis and its applications in the design and construction industry.

Continuing Education Credits will be available. Contact Richard Kenney at (206) 448-9640 for additional information.

MENG Design/Analysis
2108 Western Avenue
Seattle, WA 98121

This is the sixth in the series of projects in the Oregon/Southwest Washington area nominated for "good construction documents".

Project Profile

The Contractor's Share Group

Physician's Pavillion

OHSU, Portland, Oregon

The Physician's Pavillion is an 80,000 square foot medical office building which opened in January of 1994. The project is a four story building built over the top of an existing four story parking garage that had exterior walls of various radii. The parking garage was built as a separate project some years prior to this project by a different construction team, thus adding to the difficulty in construction documentation. The new building has a steel structure with a glass and brick skin and interior metal stud and drywall partitions. The new building ties to one of the existing campus buildings by a new skybridge which had to be installed without disrupting the emergency entrance to the hospital which ran under it.

The project, which was built over a twelve month period, was developed as a shell and tenant improvement project due to the fact that the final determination of which medical group was moving into which space was not fully decided until the project was a good ways through construction of the shell. The documents were further complicated by the fact that there were a total of seventeen separate tenants, and each one's space was treated as a separate project. The fact that each tenant had their own palette of colors, finishes and design needs, added to the complexity of the design work.

Throughout the project, the architects worked in conjunction with the project team to make sure that the design stayed within the budgets that had been set three years prior to the start of the project. The architects were always aware of the time constraints and did an excellent job of gathering the information from the various tenants and incorporating it into a complete set of construction documents. Whenever there was a question or conflict, the architects were quick to help resolve the problem through further information or a site visit, if needed. This attitude of cooperation and thoroughness went a long way to the successful completion of this \$10 million project.

Project Team

OWNER	Brim, Inc. Gary Warren - Project Manager
TENANT	OHSU Physicians Carl Schulz - Project Representative
ARCHITECT	Ankrom Moissan Associated Architects David Vonada and Lori Kellow - Project Architects
CONSULTANTING ENGINEERS	Zapffe Design Ltd. - Furniture/Interiors KPEF - Structural Engineers Interface Engineering Inc. - Mechanical/Electrical Engineers
GENERAL CONTRACTOR	Walsh Construction Co. Bob Forster and Don Geddes - Project Manager

MAJOR SUBCONTRACTORS

- Smith Masonry - Masonry
- Eugene Sand & Gravel - Precast
- Columbia Wire and Iron - Steel
- Pioneer Waterproofing - Waterproofing
- Anderson Roofing - Roofing
- Culver Glass - Windows and glazing
- Western Partitions - Studs, drywall, fireproofing
- Floor Factors - Floor coverings
- Don Schonert Co. - Tile
- Columbia Acoustical - Acoustical ceilings
- Interior Technology - Bath accessories
- Montgomery Elevator - Elevators
- Basic Fire - Fire sprinklers
- Peninsula Plumbing - Plumbing
- Hunter Davisson Inc. - Mechanical
- Merit Electric - Electrical

The Contractor's Share Group members are:

Donna Armstrong CDT, Jerry Harris, Nash Hasan, Ed Loy CDT, Marty Lundell CDT, Jim Rother CDT, Matt Winkler and Dale Kuykendall CDT



Bits and Pieces from Here and There

From the Institute ...

AVOIDING SEXISM IN YOUR WRITING

Don't be labeled by your fellow members as sexist or behind the times. Replace words that may be misconstrued with the following suggestions:

Manhood:	Adulthood, maturity
Man-hours:	Work hours, worker hours, work time
Mankind:	Humanity, humankind, people
Man-made:	Manufactured, synthetic
Manpower:	Work force, human resources
Man the booth:	Staff the booth
A one-man show:	A one person show
Chairman*:	Chairperson
Craftsmanship:	Handiwork, artisanship
Businessmen:	Business people
Forefathers:	Ancestors
Spokesman	Representative

- * You will continue to see the use of chairman in Institute publications and materials. For meeting procedures, we follow the "Roberts Rules of Orders", which continues to employ the words chairman or chairmen.

PUBLICATIONS

Carpets and Indoor Air Quality in Commercial Installations

You've been reading the conflicting reports about carpeting and rugs and "Indoor Air Quality" (IAQ). Well, here is someone who wants to do something about it: The Carpet and Rug Institute (CRI) has issued a new publication that will be "a real asset for specifiers of carpet in a commercial or educational facility." *Carpets and Indoor Air Quality in Commercial Installations* addresses the factors that could contribute to poor indoor air quality and provides ideas for maintaining good indoor air quality.

CRI engaged Alan Hedge, Ph.D., professor in the Department of Design and Environmental Analysis, Cornell University, and member of the Scientific Advisory Board for CRI, to develop the manual "to obtain a more independent and objective perspective about the topic."

Discussion from the publication covers the many contributions to IAQ pollution, not just carpeting, and it discusses good building design, operation, and maintenance. Finally, it talks about low-emitting interior products.

And yes, carpeting emissions are discussed, including emissions of new carpets, how to choose one, the CRI Indoor Air Quality Testing Program, and its label, what the label means, and how the testing is done, and the testing criteria.

Finally, guidelines are given about proper carpet installation and maintenance so that those activities can be accomplished with the least impact on IAQ. The booklet may be obtained by calling the publications department of CRI at (706) 278-0232 or (800) 882-8846.

—Press Release, CRI, September 14, 1994

COLOR IT GREEN

Most buildings in the future will be "green," not in color, but in the way they are designed, constructed, operated, and even demolished. The National Institute for Standards and Technology (NIST) and the U.S. Green Building Council co-sponsored a conference last February to discuss both current and future "green" technology. Proceedings from that conference are now available, including a description of technologies designed to reduce energy consumption by 50 percent.

Copies are available free. Mail or fax Kim Whitter, B320 Building Research Bldg., NIST, Gaithersburg, Md. 20899. Fax (301) 990-4192.

MEMBERS NEWS

President John Lape's son, Keegan, arrived last January 15; Donna Armstrong's little girl, Amelia, was born December 26, 1994. CONGRATULATIONS (sleeping through the night is over, for awhile!!)

CSI MEMBERSHIP ANNIVERSARIES

25 YEARS Alan J. Beard CSI

FIVE YEARS Frank Adams CSI
James Cundiff CSI
Eric Christian Jensen CSI
Ronald Schoenheit CSI
J. Thomas Seaborn CSI

Portland Chapter Leaders

President	
John Lape CCS	243-2837
President Elect	
Dale Kuykendall CDT	777-5531
1991-93 President	
Jim Hurte CDT	620-0106
Secretary	
D.R. "Skip" Brown CCS	224-6040
Treasurer	
Vicki Miller	226-3508
Executive Director	
Margie Largent	620-6573

Board of Directors

Larry Chew CCS, Prof. '95	226-1575
Pat Murphy, Ind. '95	777-2204
Jim Wilson CCS, Prof. '95	222-1917
Gunnar Forland CDT Ind. '96	228-7028
Ed Fatz CCPR, Ind. '96	646-5593
Ivan McCormick CCS, Prof. '96	292-3958

Committee Leaders

Awards	
Ed Fatz CCPR	646-5593
Certification	
Tim Cockburn CCPR	643-9480
Editor	
Gloria Rasmussen CCS	635-3199
Assistant Editor	
Inge Carstanjen CDT	635-6227
Membership	
Lee Kilbourn FCSI, CCS	224-3860
Products Rep Share Group	
Mike Beeson CDT	684-3187
Products Fair	
William Clark CDT	(206) 260-2337
Program	
Jody Moore CCPR	284-6799
Technical	
Paul Wilson CCS	242-0123
Bylaws	
Ken Searl FCSI CCS	362-3472

Institute Responsibilities

Nominating	
Jim Robertson FCSI CCS	342-8077
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Spokane, Washington	
Second Thursday	
Tom Crossan	(509) 624-4281
Willamette Valley, Eugene, Oregon	
Last Thursday	
Paul Edlund	(503) 485-1941

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BEAVERTON OR 97008-5366

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Tournament and Member Recognition
Banquet
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- I will attend.
- I will bring a guest whose name is _____
- Vegetarian meal.
- Program only; make a name tag for me.

If the mailing label is missing from the top of this
page, please complete the following information:

Name(s) of Person(s) attending:

Company:

For a more complete listing of events, see Page 3.

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Please send your check payable to Construction
Specifications Institute, c/o Lee F. Kilbourn, FCSI,
315 SW 4th Avenue, Portland, OR 97204



THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 8

March 1995

COORDINATING CONSULTANTS' SPECIFICATIONS

**PORTLAND CHAPTER CSI INVITES YOU TO DINNER WITH
CHARLES SHRIVE, PE CSI CCS.
MARCH 14, 1995**

Mr. Shrive will address concerns of the engineering community in preparing specifications for construction documents. His proactive approach provides a means of improving specification preparation and avoiding common trouble spots and communication problems that frequently occur in the coordination of architectural and engineering specifications and contract conditions.

Mr. Shrive will be conducting an all-day seminar on March 15, 1995, at the Energy Resource Center, 7895 SW Mohawk, Tualatin, Oregon, (503) 692-4800. (See registration form and article inside The Predator).

Fax your reservation -using the form in The Predator's back page- at (503) 220-0254, or phone the Association offices at (503) 223-8231 before noon Friday, March 10, 1995.

COORDINATING CONSULTANTS SPECIFICATIONS

Atwater's - Floor 41 of the US Bancorp Building, 111 SW 5th Avenue, Portland
Non-members are welcome to attend.

5:30 No host bar - 6:30 Dinner
7:30 to 9:00 Program
Dinner Cost: \$20.00 reserved,
\$25.00 later or at the door;
Cash/check/Visa or Mastercard ONLY

Can't be with us for dinner?
Come to the Program at 7:30
"No-Shows" will be billed; you may cancel
until noon the day of the meeting.
be sure to obtain a cancellation number
from the Chapter Office

The President's Message

John Lape CCS, President

Every time I open The Predicator and see the half picture of me, I chuckle. I'm not sure if our editor, Gloria, intended it, but, it reminds me that sometimes half of me is available for CSI, and the other half is for my business and private life. My wife and I had a baby boy January 15, 1995, so I feel stretched even tighter, although I do have more hours in a day since I'm sleeping less!

I thought that I would use my column this month to discuss various activities that the Board, Chapter, Committees, and I, have been involved with recently. The more obvious, of course, is the dinner program and this month's seminar, "Coordinating Consultants Specifications". This has been a pet project of mine for years, and with the help of Jim Wilson and others on the Program and Education Committees, we have finally been able to pull this off this year. Because we were the leading chapter in last year's membership drive, the Institute is covering some of the costs which will enable us to put on a high quality seminar for a bargain price. Charlie Shrive is not only very knowledgeable in this area, and a good speaker, but he is also Chairman of the Sub-Committee working on MASTERFORMAT.

Having a seminar of this caliber is another example of the type of programs and activities that our chapter is currently capable of. We were able to have Stacy Allison, the first American woman to climb Mt. Everest, address our Chapter in December. Other up-coming major events include a tour of the Blazer Arena, the Products Fair at the Convention Center with IIDA, a golf tournament at Meriwether and jazz pianist Michael Harrison at our Awards Banquet. Our region, too, has a strong draw as evidenced by the fact that the new Institute Executive Director will be at the Leadership Conference in April 29 and 30, 1995.

In the past month or so, I have had meetings with the Board, Products Fair Committee, Membership Committee, Specifier's Share Group, Program Committee, Joint Codes/Permit Committee, Education Committee, our Directory and Specifier's Guide publishers, and PSU/AIA. Highlights of these meetings include the Joint Codes/Permit Committee working on exit illumination with many of the electrical engineers in the Portland area. The Product Rep. and Specifier's Share Groups had a joint meeting in January. Some of the reps of the Share Group provided capsule summaries and line item sheets of products and services that their companies offer. Our Directory will again be published by Performance Publishing, and our meeting covered timelines, printing and distribution dates. The new Chapter Directory should be available around the Products Fair time. There will be on-going discussions about further refinement of the directory, including possibly adding a brand name listing. Also unresolved at this time, is whether we will be able to include a listing of Willamette Valley and Capitol Chapter members.

The Products Fair this year will be a duet with CSI & IIDA, formally IBD. We will be moving to the Convention Center at their first rate facilities. There will be a program in the morning on partnering and both the program and the fair will offer AIA Continuing Education credits. We will also be featuring a streamlined registration process aimed at getting people onto the exhibit floor quickly.

I attended a meeting, in January, with PSU and AIA to discuss Continuing Education. There are many opportunities and avenues available, and we all agreed to work in a cooperative and supportive manner.

Continued on Page 5

EDUCATION PAGE

The Portland Chapter of CSI has committed itself to increased education opportunities. Education will be offered in many different avenues - by the chapter, by committee, by share groups, and by individuals. There will be formal classroom opportunities as well as more informal exchanges of information. If you have a function that you would like listed, contact the editor, Gloria Rasmussen 635-3199, or Education Chair Jim Wilson 222-1917. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape 243-2837.

LUs	Date	Event
36	3-13/14-95	ICBO Overview of UBC; Phone (301) 699-0541, ext. 3244 or 3266 for more information.
None	3-13-95	PRSG lunch meeting.
None	3-14-95	CSG lunch meeting.
1	3-14-95	Coordinating consultant's specifications. Dinner and meeting 223-8231.
14	3-15-95	Coordinating consultant's specifications. Full day seminar, John Lape 243-2837.
2	3-29-95	SSG lunch meeting.
None	4-10-95	PRSG lunch meeting.
None	4-11-95	CSG lunch meeting.
1	4-11-95	Joint meeting with the AIA. Dinner and meeting 223-8231.
2	4-12-95	SSG lunch meeting.
2	4-25-95	SSG lunch meeting.
TBD	4-29-30	Region Leadership Conference, Olympia. Dick Kissick (206) 383-9790 or John Lape 243-2837
6	5-02-95	Products Fair seminar. Credits for 3 hour seminar. IIDA credits also available.
2	5-02-95	Products Fair. Credits per hour on floor. IIDA credits also available.
None	5-08-95	PRSG lunch meeting.
None	5-09-95	CSG lunch meeting.
TBD	5-09-95	Bid Documents Award. Dinner and meeting 223-8231.
2	5-10-95	SSG lunch meeting.
2	5-23-95	SSG lunch meeting.
None	6-12-95	PRSG lunch meeting.
None	6-13-95	CSG lunch meeting.
2	6-14-95	SSG lunch meeting.
None	6-16-95	CSI golf tournament, Marty Lundell 682-2878.
None	6-16-95	CSI awards dinner. Dinner and meeting 223-8231.
None	6-23-25	CSI National Convention, Minneapolis, Minnesota, 800-689-2900

Abbreviations:

Lus	AIA Learning Units available.
SSG	Specifiers Share Group - Paul Wilson 242-0123
PRSG	Product Representative Share Group - Mike Beeson 684-3187
CSG	Contractors Share Group - Marty Lundell 682-2878
TBD	To be determined

**PORTLAND CHAPTER CSI
BOARD OF DIRECTORS**
MINUTES OF January 3, 1995 MEETING
D.R. "Skip" Brown AIA CCS, Secretary

The meeting was called to order by President John Lape at 12:00 PM at the AIA/CSI Office.

PRESENT: Brown, Chew, Forland, Hirte, Kuykendall, Lape, Largent, McCormick, Murphy, Wilson.

ABSENT: Fatz, Miller.

ALSO PRESENT: Heiserman, Kilbourn

Discussion

Approval of Minutes: Minutes of the December 12, 1994, Board of Directors meeting were approved.

Treasurer's Report

1. Several categories will be added to the next Treasurer's Report to help track funds.
2. Lape would like to shift some accounts into higher paying interest CD's. The checking account present balance is approximately \$17,000.00, but it should be reduced to about \$5,000.00 for regular business. The remaining balance could be invested in 6-month CD's. Lape will explore the options.

Old Business

1. The March 15 seminar "Coordinating Consultant Specifications", led by Charles A. Shrive, P.E., CCS, CSI, will be advertised in The Predicator and other association newsletters. Mailings will be sent to civil, mechanical, structural and other consultant associations. Registration forms will be in the February issue of The Predicator.
2. Education: Lape will be part of an education panel at PSU next week. One of the immediate responses to the membership's voting in the Strategic Planning Program has resulted in the publishing of all education events on the Education Page of The Predicator. The AIA will also include this information in their newsletter. The AIA requirement of 36 Learning Units by 1997 to maintain membership will also impact CSI's mandate to provide more education programs for members. The study sessions offered for those applicants have been designated as 28 Learning Units for the AIA.

3. The 1998 Region Conference will be at Salishan, September 17, 18 and 19 (the first week after Labor Day). Deposit is due in 1997.
4. Committee Membership Form: A form identifying all standing chapter committees with phone numbers of the chairs for contact by new members would be a helpful addition to the Chapter Directory.

New Business

1. Nominating Committee: Usually composed of the President (Lape), the President Elect (Kuykendall), and the Executive Director (Margie Largent). Anyone interested in serving the chapter, please contact any member of this committee.

Committee Reports

1. Murphy - Membership/Hospitality: New member orientation is scheduled for the February Meeting. Addendum No. 2 is issued for the Chapter Directory. Performance Publishing is gearing up for the next directory now. Income from the directory for year 2 and 3 is designated to be split between Portland Chapter CSI and Performance Publishing. Last year, selected professional firms received a complimentary copy.
2. Kuykendall - Calling/Library/Share Groups: Iris, from DeaMor, has been keeping the calling committee active. There are 8 to 10 active members in the Contractor's Share Group.
3. Wilson - Education: The second draft of the 1005 edition of MASTERFORMAT has been issued and will be reviewed by the Specifier's Share Group.
4. McCormick - Certification: Classes will again be held at the US Bank building. Schedule will be issued before the first week in February and published in The Predicator.
5. Chew - The Predicator/Awards: Advertising billings will be coordinated with Miller (Treasurer). The Awards Committee meeting has been scheduled.
6. Forland - Publicity/Liaison: Construction Data will publish CSI's educational schedule. ASLA (American Society of Landscape Architects) was contacted. The mailing lists sent by Robin Wright of BOMA (Building Owners and Managers Association) and NAIOP (National Association of Industrial Office Parks) were received; they contain approximate 70 members.

Next Meeting Date: February 7, 1995, at noon at the Association Offices (AIA/CSI).

Meeting was adjourned at 12:55 PM

MEMBER NEWS

The following members celebrated CSI anniversaries in December 1994:

Gerald H. Williams	15 years
Mike Beeson	5 years
D.R. Brown	5 years
Greg Miller	5 years
James Cundiff	5 years

BASIC SPECS

Ken Searl

Recently, I received a publication by Canadian General Standards Board (CGSB) entitled "Calibre", Fall 1994. This issue has a lively discussion under the heading of "The Cost/Schedule Performance Management Standard - The Results of Industry and Government Cooperation", written by Rick Trites, B.A., MPA, PMP.

The objectives of the CGSB are: To provide a forum for promoting sound project management practices in government and industry through the application of the Cost/Schedule Performance Management Standard; to establish and maintain this forum for the continuing improvement of the standard and related government and industry practices; and, to advocate the effective use of performance management by industry and government.

The CGSB has been working on this standard for several years, and in 1990 a working group was formed to consolidate government requirements. After approximately seven months, this working group established objectives for contractor performance management systems and reporting. They concluded that contractor systems should provide data to the customer which:

1. Indicates work progress, trends and emerging problems.
2. Properly relates cost, schedule and technical accomplishment.
3. Is valid, timely and audit-able.
4. Provides companies and customer management with information at an appropriate level of summarization suitable for decision making.
5. Is from the same management system used by the company to manage the project.

The benefits of implementation are improved and more timely visibility into performance trends and risk areas, resulting in better management decisions to correct performance problems and risks earlier, and thus avoid non-productive costs.

It appears that many of the items shown above could be considered in the application of working relations in the United States. If you would like additional information on this subject contact:

Canadian General Standards Board
222 Queen Street, Suite 1402
Ottawa, Ontario K 1G6
Tel: (613) 941-8703; Fax: (613) 941-8705

The President's Message Continued from Page 2

Among other things that the Board is considering, is providing some criteria to help us decide what other associations events we should publicize. I also submitted to the Board, at the February 7, 1995 meeting, a proposal that would create a Budget Trustee position for the Chapter. This position would work with the budget, both on a monthly and annual basis, as well as investments and provide us with some much needed continuity. We will still elect a Treasurer to handle monthly income and expenses. I have enjoyed working on this aspect of our Chapter and submitted my name for this position and the Board approved it.

Finally, Jody Moore and the Program Committee are so organized that they are already working on next year's programs. This is a great Chapter fueled by terrific individuals. Whatever you put into it you'll be rewarded many times over.

This is the seventh in the series of projects in the Oregon/Southwest Washington area nominated for "good construction documents".

Project Profile

The Contractor's Share Group

KS MIDDLE SCHOOL

Fictitious, Oregon

KS Middle School presents a classic project. A 75,000 sf building with a reasonable schedule, a site that had not been previously used for a chemical plant, and a job awarded to a general that was NOT the low bidder. Immense Contractors was actually the fifth bidder. A strange series of bid failures, including high alternates, unsigned bid forms and bidders not meeting the WBE/MBE/ESB goals, led to Immense landing the job.

As this Project Profile is intended to focus on good contract documents, let us point out the good points of this project. The sitework went very well, which was attributed to a good subcontractor and a good civil engineer. The site drawings were well coordinated with the architectural drawings, which led to a successful layout of the building lines. Architecturally, the drawings and specifications complemented each other fairly well. It should be noted, however, that several items were specified on the drawings, which, unfortunately, led to errors at bid time. The building structure went well, with few change orders required. This was not the case with mechanical and electrical, with many conditions requiring change orders.

No job is perfect, so in an effort to share the wealth of information gain, we decided to share a list of project "problems":

- Tape joint quality ... need industry recognized specification, not general description of desired result.
- Cable trays were not installed 12" away from light fixture or power conduits... the information was in the specs, but not in the spec of the cable tray installer. Contractor should have caught it, but engineers should have specified it in the right place.
- The value engineered light fixtures did not fit the ceiling grid. Contractors and designers should both be careful to consider all factors when reviewing a VE proposal. Ultimately, since the owner received the benefit of the value engineering initially, it should participate in the cost of the solution.
- The owner made late changes to the items that it is providing. Unfortunately, since they are electrical items (mixers, microwaves) there may be problems with rough-ins.
- There were many DCVR's that were submitted without a thorough review of the drawings and specifications. Contractors must be very familiar with the documents.

The job is scheduled for completion the first of September, which should be achievable. Unfortunately, because of the above listed items, there will not be time to complete the "punch list" work before school starts. This will create a nightmare of never-ending punch lists for all parties on the construction team. Once an owner occupies a building, it becomes nearly impossible to keep track of who is doing damage.. A solution might be to punch out the building in phases.

Yes, this job had a few problems. Those readers who were summoned to the jobsite meeting in February are well aware of that. But, hey, if construction was easy, none of us would have these well paying jobs we enjoy so much! Will the KS Middle School project be an award winner? Probably not, but we learned a lot.


Project Team

OWNER	Fictitious School District
ARCHITECT	DFL Group (Design For Less) Laura Burnedout and Jim No-sleep - Project Architects
CONSULTANTS	Steel Insufficient and Associates, Structural Engineers Zapped for Sure, Ltd. - Electrical Engineers 2Hot, 2Cold and Leaky - Mechanical Engineers Dead Turf Landscape Architects Homicidal Chairs Studio - Furniture/Interiors Burned Pots - Food Preparation Equipment
GENERAL CONTRACTOR	Immense Contractors, Inc. Bob Islost and Steven Idunno - Project Managers
SUBCONTRACTORS	Paydirt Excavation Cracked Slab Concrete Mortarless Masonry Sturdy Steel, Inc. Nodrawers Casework Shiny Sheet Metal Rufes R Us Inandout Doors and Frames, Inc. Lockedout Hardware Scratched Glass and Such Fire Tape Drywall Slipndie Tile Installations Picasso Painting Ordinary Specialties Kozy Kitchens Divine Drapes and Blinds, Inc. Injury Select Athletic Equipment Fastride Elevators Megabucks Mechanical Short Circuit Electrical Tight Wire Telecommunications


The Contractor's Share Group members are:
*Donna Armstrong CDT, Don Geddes, Jerry Harris, Nash Hasan, Ed Loy CDT, Marty Lundell CDT,
 Jim Rother CDT, Matt Winkler and Dale Kuykendall CDT*

Sharing Innovation, Information, and Imagination

**CSI's 39th Annual
 Convention and Exhibit**
 June 23-25, 1995
 Minneapolis Convention Center
 Minneapolis, Minnesota



Advancement
of Construction
Technology



1995 CSI GOLF TOURNAMENT - ANNUAL AWARDS BANQUET

Friday, June 16, 1995

Make sure you set aside time for the Third Annual Golf Tournament/Awards Banquet, which will be held at Meriwether Golf Course!

The Meriwether Golf Course will offer a fair but challenging setting for the Tournament and the new club house has the atmosphere to make our Awards Banquet one of the best ever. With the addition of our Tournament Co-Sponsors, we have been able to go to a shotgun start for the golf tournament which, in turn, allows us to have the Golf Awards right after the tournament is finished. For the first time, we have managed to schedule the Awards Banquet at the same facility, so, come early for golf and stay on for the awards!

Michael Harrison will be playing Jazz Piano (after playing in our golf tournament), for the 5:30 social hour and dinner, that will be served in a banquet room with beautiful views of the course and the countryside. Changing facilities are available for those golfers who wish to change between events. **SIGN-UP SOON, AS WE EXPECT BOTH EVENTS TO BE SOLD OUT!!!!**

Schedule: Friday June 16, 1995

8:00 - 9:00	Tournament check-in and hole assignment.
9:00	Shot-gun start
11:00 - 1:00	Box lunches for players at turn
2:00 - 2:30	Tournament Social Hour
3:00 - 4:00	Tournament Awards
5:30 - 7:00	Awards Banquet Social Hour (Michael Harrison at the piano)
7:00 - 8:00	Awards Dinner
8:00 - 9:00	Awards Ceremony

Cost of the Awards Banquet will be \$25.00 per person. Tournament Fees are \$50.00. See the enclosed sign-up form.

CONTINUING EDUCATION SEMINAR:

COORDINATING CONSULTANTS' SPECIFICATIONS

The Portland Chapter CSI together with the Professional Engineers of Oregon, will host an in-depth educational seminar called "Coordinating Consultants' Specifications". The seminar will be conducted by Mr. Charles Shrive PE CCS CSI, a registered engineer in Ohio and several other states, and a national speaker on this subject. Mr Shrive has presented seminars at several CSI national conventions and to numerous groups around the country.

"Several members of the Portland Chapter have attended Mr. Shrive's seminars at national CSI conventions and, I can speak from my own experience that this is a dynamic and informative presentation that will provide tools to enhance your working relationship with other design professionals and contractors." Jim Wilson CCS, Chair, Education Committee.

Mr. Shrive draws on his 25 years experience and professional practice as a designer of facility electrical systems and as a developer of national specification masters, including having developed Divisions 15 and 16 specification sections for SweetSpec, an automated specification system marketed by McGraw-Hill. Mr. Shrive is a consultant with the Construction Sciences Research Foundation writing SPECTEXT Division 16 sections since 1983. Mr. Shrive is Manager of Electrical Engineering for Adena Utilities Engineering, Inc., a consulting engineering firm in Cincinnati, specializing in industrial utility systems.

PORTLAND CSI PRODUCTS FAIR

Gunnar Forland CSI

This year's Products Fair is literally a "duet" (and a first). CSI and the International Interior Design Association are co-sponsoring this year's show. The result of this duet will be a diverse and deep array of the products most important to facilities managers, architects, designers and owners. This co-sponsorship with IIDA is a first for CSI.

Just about everything is a first for IIDA, recently formed; IIDA incorporates the former Interior Business Designers (IBD) and the American Society of Interior Designers (ASID). CSI is dedicated to the "advancement of construction technology" and its members encompass a broad spectrum of commercial construction professionals, including product representatives, design professionals, contractors and owners.

The location for the 1995 show is also new. We are looking forward to an enhanced presentation at the Oregon Convention Center. Food will be served all day. Educational seminars are being organized and will be published soon.

The greatest opportunity for education resides with the product representatives and technicians. You can expect to get answers on products ranging from site furniture to work stations, wall coverings to exterior finish systems folding partitions to toilet partitions, products from the ground up, inside and outside, and all under one beautiful, skylighted roof!

The date is May 2, 1995. Transportation is free from downtown via "MAX". Admission is free. Pre-registration will be available. See you there!



THIS BULLETIN JUST IN FROM MAX TUNNEL HEADQUARTERS: BORE-REGARD HAS RUN AMOK IN WASHINGTON AND YAMHILL COUNTIES. . .

DEMOLISHING 147 MILES OF ROADS, SERIOUSLY DAMAGING THREE BURGER KINGS, UPROOTING 1,250 ACRES OF GRAPES AND DRAINING THE NIKE LAGOON.

GOVERNOR KITZHABER IS PONDERING DISASTER RELIEF WHILE A MAJOR HOLLYWOOD STUDIO IS NEGOTIATING WITH TRI-MET OFFICIALS FOR THE MOVIE RIGHTS TO "TREMORS - THE SEQUEL."



COORDINATING CONSULTANTS SPECIFICATIONS SEMINAR

WHEN: MARCH 15, 1995
 TIME: 8:00 am to 5:00 pm, catered lunch and coffee breaks incl.
 WHERE: The Energy Resource Center, Tualatin
 CO-SPONSORS: CSI and PEO
 PARTICIPATING ASSOCIATIONS: CECO
 COST: Registration; \$105.00.
 CSI & PEO members registering by Feb. 28; \$90.00.
 Additional attendees from one firm; \$10 discount.
 Cost includes course manual.
 CONTINUING EDUCATION: 14 AIA Learning Units
 ADDITIONAL INFORMATION: CSI; John Lape (503) 243-2837 or
 Jim Wilson (503) 222-1917
 PEO; Dena Nelson (503) 228-2701
 SPEAKER: Charles Shrive, CCS, CSI, PE, from Cincinnati Ohio.
 WHY: The age old problem of coordinating specifications between Architects
 and Consultants has rankled all participants.

Charles Shrive is a National calibre speaker on helping both sides understand the dilemma and to work together towards solutions. He is a practicing PE with 25 years experience, and has spoken on this subject at National Conventions. He developed Division 15 and 16 specification sections for SweetSpec, and is currently the Chair of the committee revising MASTERFORMAT. Some of the topics that will be addressed include:

- * Trade jurisdictions and subcontract scopes
- * Avoiding common trouble spots and communication problems
- * Use of Division 1, General Requirements
- * Three part Section format
- * Specifying execution requirements
- * Defining Contract scopes
- * Effective use of Division 15 and 16 Sections

 REGISTRATION FORM

Coordinating Consultants Specifications Seminar March 15, 1995

Attendee Name: _____ Discipline: _____

Company Name: _____

Address: _____

Phone #: _____ FAX: _____

Other Attendees from Company: _____

Total Enclosed (Check payable to CSI): \$ _____ .00

Return form and check to:

CSI, 315 SW Fourth, Portland, OR 97204

or FAX with VISA/MC # _____ exp. date ___ / ___ to (503) 243-2267

Portland Chapter Leaders

President	
John Lape CCS	243-2837
President Elect	
Dale Kuykendall CDT	777-5531
1991-93 President	
Jim Hirte CDT	620-0106
Secretary	
D.R. "Skip" Brown CCS	224-6040
Treasurer	
Vicki Miller	226-3508
Executive Director	
Margie Largent	620-6573

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Larry Chew CCS, Prof. '95	226-1575
Pat Murphy, Ind. '95	777-2204
Jim Wilson CCS, Prof. '95	222-1917
Gunnar Forland CDT Ind. '96	228-7028
Ed Fatz CCPR, Ind. '96	646-5593
Ivan McCormick CCS, Prof. '96	292-3958

Committee Leaders

Awards	
Ed Fatz CCPR	646-5593
Certification	
Tim Cockburn CCPR	643-9480
Editor	
Gloria Rasmussen CCS	635-3199
Assistant Editor	
Inge Carstanjen CDT	635-6227
Membership	
Lee Kilbourn FCSI, CCS	224-3860
Products Rep Share Group	
Mike Beeson CDT	684-3187
Products Fair	
William Clark CDT	(206) 260-2337
Program	
Jody Moore CCPR	284-6799
Technical	
Paul Wilson CCS	242-0123
Bylaws	
Ken Searl FCSI CCS	362-3472

Institute Responsibilities

Nominating	
Jim Robertson FCSI CCS	342-8077
Jury of Fellows	
Dave Thomas FCSI	1-800-788-3630
Technical	
Chris Bushnell CCS	(206) 357-9988
Education	
Ron Eakin	686-3355
Marketing/Membership	
Dick Kissick CCPR	(206) 383-9790

Region Responsibilities

Awards	
George Eidam	(208) 345-7127
Education	
Jeff Callahan CDT	(907) 753-3243
Membership	
Vance Taylor	(907) 563-5570
Publications	
Brad Williamson CCS	(206) 623-4646
Technical	
Jim Wilson CCS	(503) 222-1917
Certification	
Sandi Velleca CCS	(907) 349-5148
Planning	
Elliot Mohr	(509) 535-0683

Institute Directors

Northwest Region

Jim Chaney CDT	
McKenzie Commercial Cont., Inc.	
865 W. 2nd Avenue	
Eugene, OR 97402	(503) 343-7143
Jim Adkins CCS	
Specifications Consultant	
8625 26th Avenue NE	
Seattle, WA 98115	(206) 528-4744

A Calendar of Region Chapter Meetings

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

Cook Inlet, Anchorage, Alaska	
Third Tuesday	
Ken Maynard	(907) 276-4218
Idaho, Boise	
First Tuesday	
Scott Henson	(208) 345-6677
Mt. Rainier, Tacoma, Washington	
Third Tuesday	
Cheryl Rue	(206) 383-3084
Portland, Oregon	
Second Tuesday	
Jody Moore	(206) 574-3449
Puget Sound, Seattle, Washington	
Second Thursday	
Relta Gray	(206) 382-3393
Capitol, Salem, Oregon	
Second Thursday	
Darwin Doss	(503) 581-5151
Spokane, Washington	
Second Thursday	
Tom Crossan	(509) 624-4281
Willametta Valley, Eugene, Oregon	
Last Thursday	
Paul Edlund	(503) 485-1941

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PORTLAND CHAPTER MEETING SCHEDULE

RESERVATIONS BY FAX

- Mar. 14, 1995 Portland CSI Dinner Meeting
Coordinating Consultant's Specifications
- Mar. 15, 1995 Seminar: 8:00 AM to 5:00 PM
Coordinating Consultant's Specifications
- Apr. 11, 1995 Portland CSI Dinner Meeting
Joint Meeting with AIA
- Apr. 29/30 Region Leadership Conference,
Olympia, WA
- May 2, 1995 Portland CSI Products Fair
Oregon Convention Center, 11:00 AM
to 7:00 PM: A new location filled with
new products and information!!
- May 9, 1995 Portland CSI Dinner Meeting:
Bid Documents Award: Entry Reviews.
- Jun. 16, 1995 Portland CSI Annual Golf
Tournament and Member Recognition
Banquet
- Jun. 23-25 CSI 39th Annual Convention and
Exhibit, Minneapolis - St. Paul.

TO MAKE YOUR RESERVATIONS, COMPLETE
BELOW AND FAX THIS PAGE TO:

(503) 220-0254

- I will attend.
- I will bring a guest whose name is _____
- Vegetarian meal.
- Program only; make a name tag for me.

If the mailing label is missing from the top of this
page, please complete the following information:

Name(s) of Person(s) attending:

Company:

For a more complete listing of events, see Page 3.

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MAR 10 1995

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(Non-members contact Membership Committee)

For More Information, call:
GUNNAR FORLAND (503) 228-7028

Membership dues for one year are: Institute \$130,
Portland Chapter \$30.00, total investment \$160.
Please send your check payable to Construction
Specifications Institute, c/o Lee F. Kilbourn, FCSI,
315 SW 4th Avenue, Portland, OR 97204



THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 9

April 1995

Portland Chapter CSI and Portland Chapter AIA Joint Meeting

Undoing Murphy's Law on Your Project

In April 1994, Portland CSI and AIA hosted Jim Mueller AIA, of KMD Architects, whose presentation stirred many comments and changes in the way our firms approach contract administration problems. In February 1995, we were treated to an inside view of a jobsite meeting by the Contractors' Share Group, where we were presented with problems that confront the project team as a project nears completion.

On April 11, 1995, you will have an opportunity to participate in the solution to some of these problems! Following dinner, round tables will be set up to work on actual project situations. Each table will have a project team of architects, contractors, subcontractors and material suppliers. Your team will be presented with a project situation and you will devise a solution. You will be charged with identifying:

What is the best - most fair- solution?

What is the hidden impact on the project?

What is it going to cost - really?

Who is going to pay?

What could have been done differently to avoid the problem?

Each team will present a solution as part of a group discussion about what each player can do to improve the project, keep problems under control and foil Murphy's Law. Join us for a great opportunity to interact with the other project players in a creative session. You will play the role of the parties in the real world - without having to pay!

Fax your reservation -using the form in The Predator's back page- at (503) 220-0254, or phone the Association offices at (503) 223-8231 before noon Friday, April 7, 1995.

UNDOING MURPHY'S LAW ON YOUR PROJECT

Atwater's - Floor 41 of the US Bancorp Building, 111 SW 5th Avenue, Portland
Non-members are welcome to attend.

5:30 No host bar - 6:30 Dinner

7:30 to 9:00 Program

Dinner Cost: \$20.00 with reservations,

\$25.00 later or at the door;

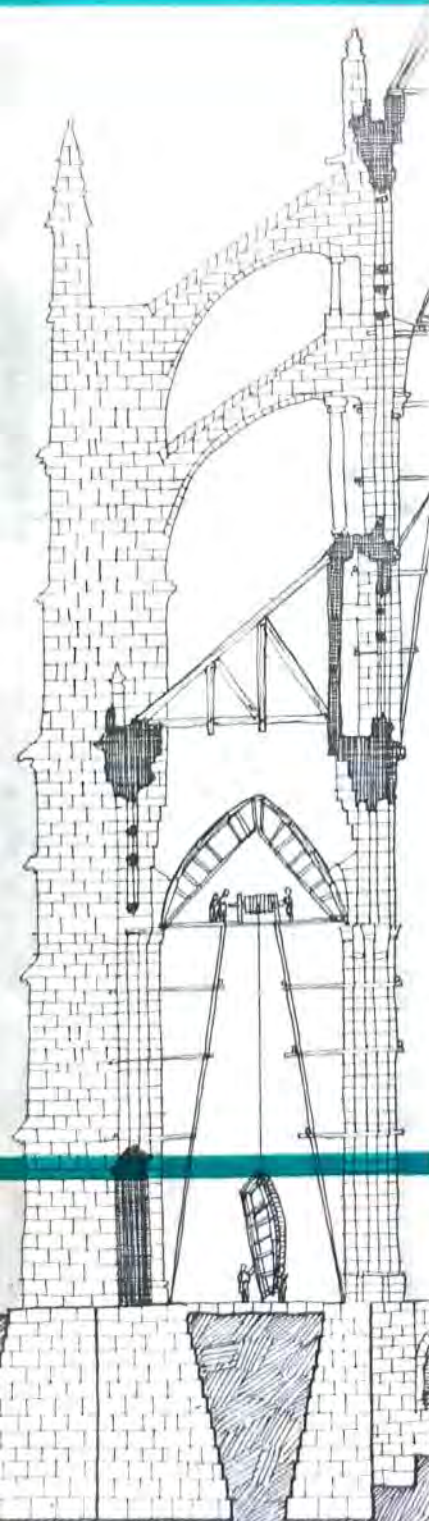
Cash/check/Visa or Mastercard ONLY

Can't be with us for dinner?

Come to the Program at 7:30

"No-Shows" will be billed; you may cancel until noon the day of the meeting.

be sure to obtain a cancellation number from the Chapter Office





The President's Message

John Lape CCS, President

National Engineer's Week was observed throughout the nation in the third week in February. Among other activities that week, the Professional Engineers of Oregon held an annual Student Engineer Banquet. I attended the Banquet this year primarily to continue an emphasis on broadening our perspective with interactions with other associations and people who affect the construction industry. With Lee and Inge's help, I had a CSI booth that helped spread the word on what we do, and provided an opportunity to promote our Coordinating Consultant's Specifications Seminar, held in March.

I believe the experts in the field call this activity "networking!" I used to "poo-poo" this type of activity, and still find it hard to devote the time, but we sometimes tend to forget that business relations are still people and communications based, despite the age of new technology. The almighty dollar only goes so far. Do I want to spend thousands of hours working on a project for a client I don't respect or have difficulty communicating with? Do I want to sit and agonize through dozens and dozens of design and construction meetings, in a push and pull environment? Probably not.

Networking is not an instant reward process, but takes time to nurture relationships. Having PEO co-sponsor, our March Seminar was the culmination of more than three years of work. Not only did we pull a seminar off, but the way that we did it was also revealing. As a reflection of the sense of cooperation, the financial arrangements were on a "to be determined" basis. Dena Nelson, the Executive Director for PEO, sought me out at our booth during the banquet. We chatted about how the arrangements were proceeding and we shared some flyers on the Seminar.

I shared a dinner table with Allie, an Administrator with CECO. We discussed some of the advantages of a paid administrative position for associations. Much like countries dealing with the United States, where the President and Administration turn over every four to eight years, I suspect our Association is hampered in developing long term relationships where we don't have an Administrator and the volunteer President turns over every one or two years. It often takes years to develop the rapport and effort necessary to produce that first joint effort or sponsorship. I wonder how much CSI chapters are hampered by not having that point person? As I prepare to turn over the President's gavel to Dale, I have been bundling up some of the documents that I think he'll need. These include things such as our budget, IRS and bank account numbers, Committee Chairs, nomination history, contract with Performance Publishing, contract with AIA, contract with the Convention Center, and arrangements for the '98 Region Conference. I think most of these could be handled by an administrator to free up our volunteers.

Some final thoughts on the Engineer's Banquet: this was an event attended by about 475 people of which probably 200 were high school juniors and seniors interested in engineering. The banquet itself is sponsored by many engineering firms, associations, and colleges of engineering. In addition, each of the students' banquet tickets was donated by an individual sponsor; the students were paired with an engineer for the building tour, exhibits and the banquet itself. I think it is a great way to get the future engineers involved with practicing people, with colleges, with each other, and to give them an opportunity to see and ask questions about their chosen profession. What a great occasion for the kids and the profession! My hat is off to organizer Jim Stohr and PEO.

CSI ANNOUNCES PUBLIC REVIEW OF UNIFORMAT

In 1992, CSI published its version of UniFormat™, a table of building elements primarily used for preliminary project descriptions and preliminary cost estimates. With the publication of a Manual of Practice chapter on preliminary project descriptions, CSI has encouraged the use of UniFormat in project descriptions. And, with the 1995 MasterFormat™ revisions, scheduled to be released this summer, CSI has begun applying UniFormat to performance specifications and related design descriptions. The current 1992 edition of UniFormat is a tentative, interim draft intended for public review and comment. To solicit comments, the CSI Formats Subcommittee encourages members to participate in this review process. Anyone interested in receiving a review copy, please contact the CSI Orders Desk at (800) 689-2900. All reviews and comments must be received by July 1, 1995.

UniFormat and MasterFormat are joint publications of CSI and Construction Specifications Canada.

EDUCATION PAGE

The Portland Chapter of CSI has committed itself to increased education opportunities. Education will be offered in many different avenues - by the chapter, by committee, by share groups, and by individuals. There will be formal classroom opportunities as well as more informal exchanges of information. If you have a function that you would like listed, contact the editor, Gloria Rasmussen 635-3199, or Education Chair Jim Wilson 222-1917. The Chapter is proud to be qualified as a licensed provider of AIA continuing education credits. For approval of a program, contact John Lape 243-2837.

LUs	Date	Event
None	4-10-95	PRSG lunch meeting.
None	4-11-95	CSG lunch meeting.
1	4-11-95	Joint meeting with the AIA. Dinner and meeting 223-8231.
2	4-12-95	SSG lunch meeting.
2	4-25-95	SSG lunch meeting.
TBD	4-29-30	Region Leadership Conference, Olympia. Dick Kissick (206) 383-9790 or John Lape 243-2837
6	5-02-95	Products Fair seminar. Credits for 3 hour seminar. IIDA credits also available.
2	5-02-95	Products Fair. Credits per hour on floor. IIDA credits also available.
None	5-08-95	PRSG lunch meeting.
None	5-09-95	CSG lunch meeting.
TBD	5-09-95	Bid Documents Award. Dinner and meeting 223-8231.
2	5-10-95	SSG lunch meeting.
2	5-23-95	SSG lunch meeting.
None	6-12-95	PRSG lunch meeting.
None	6-13-95	CSG lunch meeting.
2	6-14-95	SSG lunch meeting.
None	6-16-95	CSI golf tournament, Marty Lundell 682-2878.
None	6-16-95	CSI awards dinner. Dinner and meeting 223-8231.
None	6-23-25	CSI National Convention, Minneapolis, Minnesota, 800-689-2900

Abbreviations:

Lus	AIA Learning Units available.
SSG	Specifiers Share Group - Paul Wilson 242-0123
PRSG	Product Representative Share Group - Mike Beeson 684-3187
CSG	Contractors Share Group - Marty Lundell 682-2878
TBD	To be determined

EXECUTIVE DIRECTOR POSITION TO BE ESTABLISHED

In response to comments at the Long Range Planning Meeting in November, the Board of Directors of the Portland Chapter intends to establish a position as Executive Director for the Chapter. Statements of interest from CSI members for this position are invited and may be submitted to the Board at the Chapter offices.

A formal job description is being assembled by a Board Committee. Typical duties will include:

- Responsibility for taking chapter meeting reservations, and coordinating dinner reservations with the site (Atwater's or other).
- Manage chapter's business calls and mail.
- Assist in the preparation and mailing of The Predicator and Chapter Directory
- Provide day-to-day business functions for accounts payable in liaison with Treasurer.

The selected candidate should be familiar with the Chapter, regional organization and have computer skills. The Executive Director will be an independent contractor. A monthly fee will be paid to the Director and compensation may include payment of CSI membership dues; there will be no other benefits. The Board is pleased to have received one statement of interest from a well qualified member and asks other interested persons to submit their written statement of interest no later than May 5, 1995. The board intends to fill this position by the start of the fiscal year in July 1995. For questions, contact Jim Wilson (222-1917) or Dale Kuykendall (777-5531).

PUBLICATION ANNOUNCEMENT

Dorothy Payton, Assoc. AIA CSI

EDITOR'S NOTE: Dorothy Payton is a member of the Oregon Indoor Council and the Portland AIA Committee on the Environment. Since indoor air quality control has become one of the key issues in the design of buildings and interiors these last years, I am grateful that she is providing us with this information.

Indoor air quality has become a significant factor in our well being. As design professionals, we want to be sure that the new building or space we are about to design, remodel or lease, won't be cause for complaints. Perhaps you suspect that your current building may have an indoor air problem. Do you have concerns about sick building syndrome, employee productivity, exposure to radon, or that peculiar headache and scratchy throat on Monday morning? A new resource directory has been published that can assist you in addressing the issues.

The "Oregon Indoor Air Resource Guide" provides general information and directs the reader to local organizations and publications for assistance about indoor air quality concerns. One chapter describes the common pollutants, sources and health effects. A directory, organized by pollutants and sources, leads you to resources that can offer specific information. A second directory lists the organizations and agencies with a brief description of what they do, as well as the phone numbers and name of the person who can best speak to your concern. The booklet also offers a catalog of other publications and audiovisual materials. A section outlines tips on how to hire a consultant. Using this handy guide can save you a lot of time while you research for basic information and specific answers.

This booklet, published and distributed by the American Lung Association of Oregon, was funded by a grant from Region 10 of the Environmental Protection Agency. The Council represents various professional and government agencies, including: Portland Chapter AIA, Oregon Building Codes Division, Oregon Health Division, Oregon OSHA, Oregon State University Extension Service, and the US Environmental Protection Agency.

The "Oregon Indoor Resource Guide" can be obtained by either phoning or mailing a request to the American Lung Association. Their phone number is (503) 246-1997 in Portland, or 1-800-586-4872 (Oregon calls only). The mailing address is:

American Lung Association of Oregon
9320 SW Barbur Blvd., Suite 140
Portland OR 97129-5481
Att. Ms. Brenda Niblock

Another Editor's Note:

The minutes of the February Meeting of the Board of Directors will be published next month, along with the minutes of the March meeting.

BEWARE OF GOVERNMENT CONTRACTS

*James H. Marvin P.C.
Janelle Chorzempa, Esq. AIA CSI*

A recent Court of Appeals ruling has dramatically changed how we must do business, especially with public bodies. We can no longer afford to be the "nice guys" and provide additional services prior to receiving written authorization.

An Oregon firm provided design and construction services for the Oregon Corrections Division. Throughout the project, the firm had verbal requests to perform additional services and to stay within a demanding timeline, as is the norm with most projects. Eight times the Division provided written authorization for additional work after it was performed. The ninth time, the Division requested a major revision, but later refused to pay for the services. Despite the benefit to the Division, despite the practices of the Division to authorize the services after they were performed, despite the architect's good faith reliance on past business practices with the Division, the Court held that the firm made a gift of these services to the Division. One can only hope that this expensive gift can be considered to be tax deductible.

We all need to review the wording in our contracts in light of this decision. The contract phrase at issue stated the following:

"In the event alternative designs substantially change the scope of the Architect's Contract, the Architect's fee for such change shall be negotiated with the Division and work shall commence only after the Contract has been amended in writing and approved by all parties."

Many contracts have similar wording. Some will be broader in scope and encompass written approval for minor changes. This contract clearly stated that one could only commence work after a written approved amendment. The court basically said that what is stated in the contract is what it will enforce, no matter how the Division benefitted from the services it requested and received.

It would be easy for us if the Court stopped with the contract. While the Court would not go beyond the contract on behalf of the architect, it did go beyond the contract on behalf of the State. Its decision was based in part on the administrative rules of the Division, which require changes in the scope of work to be approved by several State departments. Although the Corrections Division had not previously followed that procedure, the Court ruled that the Division could not waive its own rule.

Our lesson from this case is to strictly adhere to the manner in which the contract allows us to proceed with additional services. Also be aware of the administrative rules applicable to the government agency, division or department with which you are contracting. If the Division does not follow it's own procedures, you are at risk. Finally, be aware of the Oregon Statutes that apply to your contract. If timeline, costs or owner demands conflict with the contract terms, statutes and/or applicable rules, get legal help to untangle the conflicts before it is too late, or you too must make a "gift" of your services.

BS BY KS**BASIC SPECS by KEN SEARL**

Last week, I received the Portland Cement Association Catalogue entitled "Concrete Solutions '95". This catalogue consists of publications, computer software, audio visuals and educational courses. The main topics are: Cement Technology, Concrete Technology, Fire Safety, Grouts, Masonry, Pavements, Soils/Soil Cement and Waste Management, and others.

They have some best sellers, including "Design and Control of Concrete Mixtures", "High Strength Concrete", "Troubleshooting and Prevention of Concrete Problems in the Field", and "Concrete Masonry Handbook for Architects, Engineers, Builders" and several others. Their prices appear to be reasonable. I am ordering one or two publications that interest me greatly. One item that has interested me over the years is interior slabs on grade. There has been much discussion as to how to properly install a vapor retarder under the concrete. PCI has a new publication regarding slabs on grade, and I am placing an order for this one.

If you do not have a copy of this new catalog, you may want to contact them as follows:

Portland Cement Association
5420 Old Orchard Road
Skokie, Illinois 60077-1083
1-800-868-6733

Next, I will discuss product representatives. Many of these folks tell me that some architectural firms and specifiers never seem to find time to listen to a presentation regarding a product - particularly a new product - or system they represent. This attitude is not only not polite, it can lead to tunnel vision which should be avoided in efforts to produce better specifications.

Most product representatives are good people and, believe me, they can be of great assistance.

One thing I have done over the years, is treat these folks with respect. I have always tried to schedule time to talk to product representatives even if they didn't contact me until the day they wanted to meet with me. I usually could figure out some way to fit them in during the same day. Once in a while, when I had no time available, I would schedule them for a future date.

When you think your specifications for a certain section are great, then it is time to send a copy to two or three product representatives.

Ask them to review that particular specification that is in their field and to give you written comments and suggested changes. There is always an item or two that shows up that is highly important. I have never yet been disappointed upon receiving their comments. One can learn a lot from product representatives. Don't be afraid to ask for their help and admit you don't know certain things.

I quote from an article written in the March/April 1995 Los Angeles CSI Chapter Newsletter by Jo Drummond FCSI CCS, as follows: "One thing that I realized quickly, and always tell my students now, is to be nice to your product representatives. You need them at least as much as they need you. Never act as if what they do is less important than what you do. By treating them fairly, you will have friends for life, and you can get the service you need."

I echo these sentiments, and I understand Jo is running for a position in the CSI Board of Directors. Believe me, she has my vote.

PS to BS by KS: I did not say all that stuff above about product representatives because Dick Kissick twisted my arm.

Check your CSI Membership - \$25 credit available for first year
Current Member-Sponsor-a-Member Campaign ends April 28, 1995.

For eligible individuals, Portland Chapter CSI has "25 CSI Dollar" certificates available for new members of Portland Chapter. A special membership application must be used and processed before April 28. This means that dues for the first year will be \$135 instead of \$160. For additional information, contact the Membership Committee.

This program began last September. Members received a folder about the campaign last fall. Additional copies are available from Lee Kilbourn. The Chapter received \$200 in documents from the Institute as a result of the campaign which ended in April '93.

Last year's campaign brought us the CSI Seminar that was presented in March. Let's see what we can do this year!

PORTLAND CHAPTER CSI/IIDA 1995 PRODUCTS FAIR
MAY 2, 1995
OREGON CONVENTION CENTER
 (Free MAX from Downtown)

Gunnar Forland CSI

Opportunity abounds under the Twin Towers of the Oregon Convention Center on May 2, 1995. The Portland Chapter CSI will convene for their 21st annual Products Fair - Twenty one years of presenting the latest in construction and design products to Portland area construction professionals!

The success of this show is testament to the broad range of products and technical support which are annually on display. These qualities will be even more evident as IIDA, the International Interior Design Association, joins CSI as a co-sponsor. This "duet" lays the foundation for product representation of every facet of construction, from foundations to finishes, and product criteria, from structural performance to color and texture.

No other show is produced by local construction and design professionals with this range of products. What more could you ask for? How about a buffet and educational seminars? The answers is YES, YES, YES! CSI and IIDA have made it easy and simple to attend, earn continuing education credits, learn about products from the best technicians available, without missing lunch or dinner.

See you there!



John Lape and Lee Kilbourn during Engineering Week

Sharing Innovation, Information, and Imagination



**CSI's 39th Annual
Convention and Exhibit**

June 23-25, 1995

Minneapolis Convention Center
Minneapolis, Minnesota



Advancement
of Construction
Technology

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Jim Hirte CDT	620-0106
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D. R. "Skip" Brown CCS	224-6040
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Vicki Miller	226-3508
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Margie Largent	620-6573

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Pat Murphy, Ind. '95	777-2204
Jim Wilson CCS, Prof. '95	222-1917
Gunnar Forland CDT Ind. '96	228-7028
Ed Fatz CCPR, Ind. '96	646-5593
Ivan McCormick CCS, Prof. '96	292-3958

Committee Leaders

Awards	
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Certification	
Tim Cockburn CCPR	643-9480
Editor	
Gloria Rasmussen CCS	635-3199
Assistant Editor	
Inge Carstanjen CDT	635-6227
Membership	
Lee Kilbourn FCSI, CCS	224-3860
Products Rep Share Group	
Mike Beeson CDT	684-3187
Products Fair	
William Clark CDT	(206) 283-3502
Program	
Jody Moore CCPR	284-6799
Technical	
Paul Wilson CCS	242-0123
Bylaws	
Ken Searl FCSI CCS	362-3472

Institute Responsibilities

Nominating	
Jim Robertson FCSI CCS	342-8077
Jury of Fellows	
Dave Thomas FCSI	1-800-788-3630
Technical	
Chris Bushnell CCS	(206) 357-9988
Education	
Ron Eakin	686-3355
Marketing/Membership	
Dick Kissick CCPR	(206) 383-9790

Region Responsibilities

Awards	
George Eidam	(208) 345-7127
Education	
Jeff Callahan CDT	(907) 753-3243
Membership	
Vance Taylor	(907) 563-5570
Publications	
Brad Williamson CCS	(206) 623-4646
Technical	
Jim Wilson CCS	(503) 222-1917
Certification	
Sandi Velleca CCS	(907) 349-5148
Planning	
Elliot Mohr	(509) 535-0683

Institute Directors - Northwest Region

Jim Chaney CDT	
McKenzie Commercial Cont., Inc.	
865 W. 2nd Avenue	
Eugene, OR 97402	(503) 343-7143
Jim Adkins CCS	
Specifications Consultant	
8625 26th Avenue NE	
Seattle, WA 98115	(206) 528-4744

Northwest Region Chapter Meetings

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

Cook Inlet, Anchorage, Alaska

Third Tuesday	
Ken Maynard	(907) 276-4218

Idaho, Boise

First Tuesday	
Scott Henson	(208) 345-6677

Mt. Rainier, Tacoma, Washington

Third Tuesday	
Cheryl Rue	(206) 383-3084

Portland, Oregon

Second Tuesday	
Jody Moore	(206) 574-3449

Puget Sound, Seattle, Washington

Second Thursday	
Relta Gray	(206) 382-3393

Capitol, Salem, Oregon

Second Thursday	
Darwin Doss	(503) 581-5151

Spokane, Washington

Second Thursday	
Tom Crossan	(509) 624-4281

Willamette Valley, Eugene, Oregon

Last Thursday	
Paul Edlund	(503) 485-1941

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PORTLAND CHAPTER MEETING SCHEDULE

- Apr. 11, 1995 **Portland CSI Dinner Meeting**
Joint Meeting with AIA
- Apr. 29/30 **Region Leadership Conference**, Olympia, WA
- May 2, 1995 **Portland CSI Products Fair**
Oregon Convention Center, 11:00 AM to 7:00 PM: A new location filled with new products and information!!
- May 9, 1995 **Portland CSI Dinner Meeting:**
Bid Documents Award: Entry Reviews.
- Jun. 16, 1995 **Portland CSI Annual Golf Tournament and Member Recognition Banquet**
- Jun. 23-25 **CSI 39th Annual Convention and Exhibit**,
Minneapolis - St. Paul.

For a more complete listing of events, see Page 3.

Editorial Policy

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

The Predicator is printed on 100% recycled paper using environmentally friendly inks and processes. Our regular contributors are John Lape, Ken Searl, Jim Rother, Marty Ludell and Ed Loy. We are grateful for the advice and guidance of Margie Largent and Lee Kilbourn. Our printer is EZ ADS 1-2-3, and Gayle Vrla does the labeling and mailing. Material for publication should be submitted in 3.5" discs, DOS or Windows. For deadlines and other requirements, call Gloria Rasmussen at 635-3199, or Inge Carstanjen at 635-6227

RESERVATIONS BY FAX

TO MAKE YOUR RESERVATIONS, COMPLETE BELOW AND FAX THIS PAGE TO:

(503) 220-0254

- I will attend.
- I will bring a guest whose name is _____
- Vegetarian meal.
- Program only; make a name tag for me.

If the mailing label is missing from the top of this page, please complete the following information:

Name(s) of Person(s) attending:

Company:

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THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 10

May 1995

CSI/IIDA Duet
Products Fair

Portland Chapter CSI presents

Projects in Review

Six projects have been nominated for, and one will receive, Portland Chapter CSI's new Bid Documents Award. This award is voted by the contractor team who constructed the project, and is based on their evaluation of specifications and drawings coordination, including consistency, completeness and clarity. The contractor and subcontractor team will rate the documents on a 1 to 5 scale based on ease of interpreting the documents. The architects of the project with the highest average rating will be awarded their prize at our June dinner banquet. On Tuesday, May 9, 1995, you will have the opportunity of reviewing these projects. The architect and contractor teams will present slides, models and stories about the project and how the documents worked for them. The following are the projects nominated:

Physicians Pavilion at OHSU

Ankrom Moisan Associated Architects / Walsh Construction, Contractor

Edwards-Holman Science Center at George Fox College

Soderstrom Architects / R.A. Gray & Purcell, Contractor

PDX Terminal Expansion North, Phase II: Concourse D

Zimmer Gunsul Frasca Partnership, Architects / Baugh Construction of Oregon, Contractor

Federal Reserve Bank of San Francisco, Second Floor Remodel

Architects Barrantine Bates Lee AIA / Armes & Associates, Contractor

North Clackamas Aquatic Center

Robertson Sherwood Architects / Todd Construction, Contractor

State of Oregon Public Services Building

Ankrom Moisan Associated Architects / Emerick Construction, Contractor

Fax your reservation -using the form on The Predicator's back page- at (503) 220-0254, or phone the Association offices at (503) 223-8231 before noon Friday, May 5, 1995.

May 2, 1995

11:00 am to 7pm

Oregon Convention Center

Exhibit Hall A

Portland, Oregon

PROJECTS IN REVIEW - MAY 9, 1995

Atwater's - Floor 41 of the US Bancorp Building, 111 SW 5th Avenue, Portland

Non-members are welcome to attend.

5:30 No host bar - 6:30 Dinner

7:30 to 9:00 Program

Dinner Cost: \$20.00 with reservations,
\$25.00 later or at the door;

Cash/check/Visa or Mastercard ONLY

Can't be with us for dinner?

Come to the Program at 7:30

"No-Shows" will be billed; you may cancel
until noon the day of the meeting.

be sure to obtain a cancellation number from the
Chapter Office



The President's Message

John Lape CCS, President

This month's program will feature the Bid Documents Award. I wish that I could be at this presentation to see the work of my peers. I will be enjoying myself in the middle of a week long white water rafting exhibition in the upper reaches of the Owyhee River. We plan to run 130 miles of river, starting in the Humboldt Mountains in northern Nevada, through the southwest corner of Idaho, and into the southeast corner of Oregon.

The architectural business has undergone tremendous change in the last few years. We are experiencing compressed time schedules, reduced fees along with large increases in permitting, processing and environmental issues. I would like to be able to see how some of my colleagues meet these challenges, and the documents they produce. The issue of time is particularly contentious for all involved. At the same time that scope of services is expanding, the time allocated is shrinking. I'm not sure what's driving these factors, but I have some thoughts.

We are often seeing clients trying to finalize numbers very early in the game. Long gone seem to be the days of design, drawing, permit processing, bidding, construction. Some of it may be lending institution driven, and some clients' perception that all we need to do is push a button and CAD plots out a building.

It is not just architects who are pushed by these constraints. We are seeing contractors being asked to commit to a hard bid number based on, in essence, schematic one-line drawings. Subs are calling asking for construction materials when we haven't even drawn a section yet!

A great deal of time passes while clients pin down numbers for their projects. Then, all of a sudden, we're asked to produce documents, get permits and approvals, and have the contractor build the thing before the prices change.



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Minneapolis Convention Center

Minneapolis, Minnesota



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2	5-10-95	SSG lunch meeting.
2	5-23-95	SSG lunch meeting.
None	6-12-95	PRSG lunch meeting.
None	6-13-95	CSG lunch meeting.
2	6-14-95	SSG lunch meeting.
None	6-16-95	CSI golf tournament, Marty Lundell 682-2878.
None	6-16-95	CSI awards dinner. Dinner and meeting 223-8231.
Avail	6-23-25	CSI National Convention, Minneapolis, Minnesota, 800-689-2900

Abbreviations:

- Lus AIA Learning Units available.
- SSG Specifiers Share Group - Paul Wilson 242-0123
- PRSG Product Representative Share Group - Mike Beeson 684-3187
- CSG Contractors Share Group - Marty Lundell 682-2878
- TBD To be determined



March 14 - Coordinating Consultants' Specifications with Charles Shrive PE CSI CCS

PORTLAND CHAPTER CSI/IIDA 1995 PRODUCTS FAIR
MAY 2, 1995
OREGON CONVENTION CENTER
(Free MAX from Downtown)

Gunnar Forland CSI

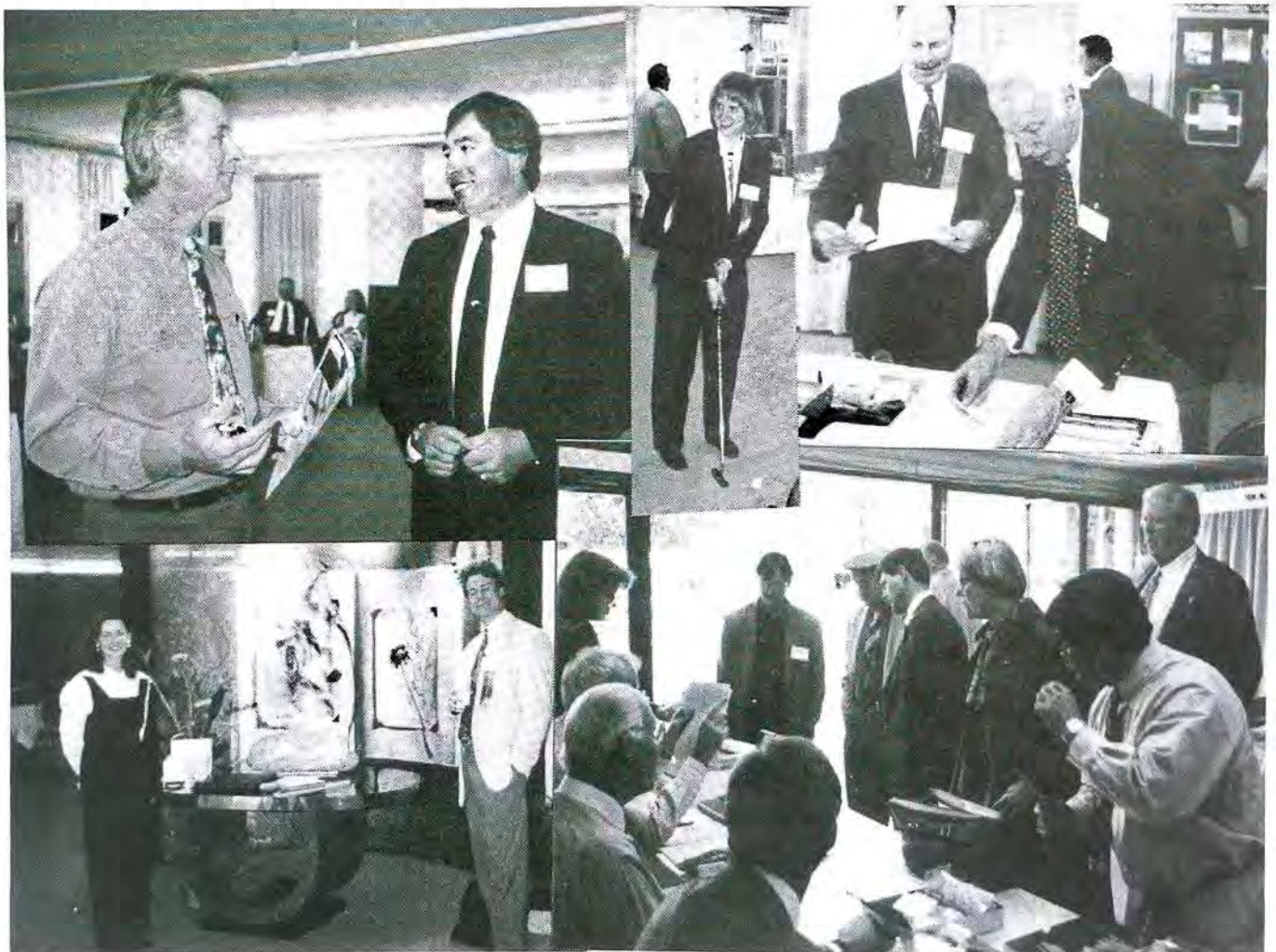
The duet of CSI and IIDA, also known as the **1995 Products Fair**, is now filling up the chorus. That is to say, the number of exhibitors will be at, or near capacity. And remember, the Oregon Convention Center provides for more exhibitors this year than never before! This means the educational opportunities will be greater than ever!

An educational seminar on "Partnering" will be presented during the morning. This seminar qualifies for **AIA L.U. and IIDA C.E.U. credits**. Attendance of the show will also qualify for AIA L.U.'s at the rate of 2 credits per hour of attendance. A sign-up sheet for AIA and IIDA credits will be available at the registration desk.

The date is May 2, 1995. Fair hours are from 11:00 A.M. to 7:00 P.M. Transportation is free from downtown via MAX; just stop by the AIA office for a pass (TRI-MET "Short Hopper"). Groups wishing to obtain a book of MAX passes can contact Hillary Nally at 222-1188. Admission is **FREE**. Pre-registration will be available. A buffet will be served during mid-day and late afternoon.

See you there! Try your luck at winning a door prize!

THE WAY IT WAS! PRODUCTS FAIR 1994



LIST OF EXHIBITORS

The following companies will be displaying their wares at the 1995 Products Fair (booth numbers are not consecutive - only booths with assigned companies at the time of publication are listed):

Booth No.	COMPANY	Booth No.	COMPANY
1	Carlson Group	82, 83	Architectural Systems, Inc.
2	Carlisle Engineered Metals, Inc.	84	Dex-O-Tex Div. Crossfield Products
3	Harris Specialty Chemicals, Inc.	85	Dal-Tile Corp
4	Communications Integrators, Inc.	86	B & I Furnishings
6	Bennett Assoc., Inc.	87	Contract Wallcoverings Inc.
7	Universal Lumber Co., Inc.	90	Westblock Products
8	Won-Door Corp.	91	Masonry & Ceramic Tile Institute of Oregon
9	Clay Design Group	94	Advanced Entry Systems, Inc.
10	Coastal Atlantic Assoc., Inc.	95	Soprema Roofing & Waterproofing
14	Spacesaver Specialists Inc.	96, 97, 98	Tile Distributors
16	Hartman, Ltd.	99	Western Allied Systems, Inc.
17	Wood Window Distributors	103	Coral of Chicago
18	Tnemec	104	NRG Barriers/National Marketing
21	Crawford Roll-Lite Door Sales	105	Thomas Kay Textiles, Inc.
22, 37	E. B. Bradley Co.	106	Pionite Decorative Laminates
23	Smith Steelite Inc.	107	The Cronin Co.
24	Quality Installations, Inc.	108	Deamor Assoc., Inc.
25, 26	Rodda Paint Co.	109	Fence Fabricators
27, 28	Construction Data	110	Westmark Products, Inc.
29	Viskov & Assoc.	111	J C 3 Associated
30	Modernfold/Interior Technology	112, 113	Kayser Associates
31	Western School Supply	114	Consolidated Fiberglass Products Co.
32	GAF	115	U. S. Contract
33	Maharam	116	Environetics, Inc.
34	BHP Steel Building Products USA, Inc.	117	Armstrong Flooring
35	Patcraft Carpet Mills	118	Raven Distr. Inc.
36	Jasco Supply	119	Daily Journal of Commerce
38	Viracon, Inc.	120	Pro-Tint, Inc.
43	Architectural Tile & Granite Inc.	121	G. L. Simms & Assoc., Inc.
44	Pacific Architectural	122	Architextures/Magicare
49	Portland General Electric Co.	123	Pioneer Manufacturing
50, 66, 79	Trym Tex, Inc.	124	STO Industries/R-Wall
52	Capitol City Door, Inc.	125	The Knoll Group
53	GS Roofing Products Co., Inc.	127	Saturn Associates
54	W. R. Grace & Co., Conn	128	United Tile Co.
55	M. D. C. Wallcovering	129	Lemons Millwork
56	Oregon Strand Board Co.	130	Western Insulfoam
57, 58, 59, 60	Guild of Oregon Woodworkers	131	Fred Fortin
61	Nora Rubber Flooring	132	Thompson Tile Co., Inc.
62	C & P Systems	133	Ameritone Paint
63	Raeco, Inc.	134	Hansen Architectural
64	Simpson Strong-Tie Co., Inc.	135	Trus Joist MacMillan
65	Benchmark	136	Kevin Martin
67	Unistrut Portland	138	Window Tech, Inc.
68	Ausimont USA	139	BestLocking Systems
77	Momentum Textiles	140	Miller Paint Co.
78	Wiremold	141	Anzea/Kusch Co.- Gordon International
79	Trym Tex, Inc	143	IIDA
80, 92, 93	Wanke Cascade	144	The Knoll Group
81	Pacific Office Furnishings		

- By the way, the Institute voted to increase dues by \$25 effective July 1995!

BS BY KS

BASIC SPECS by KEN SEARL

In The Specifier magazine of January 1995, there is an article on page 10 by Tom Heineman FCSI, CCS regarding "Intent" in specifications. I think this article should be required reading for all specifiers.

Tom points out that incomplete thoughts can get one into trouble. The words "as required" should never be used unless the "as required" is followed with an actual requirement, e.g., "as required by ASTM A 123". Tom's closing statement is as follows: "Design intent is worthless if it is not expressed. Complete, unambiguous terms in specifications and correspondence, makes the design professional's intent clear." As old Ken would say: "All I want are the facts."

I went over some of my previous specifications and discovered that I have been very loose with the words "as required". It appears to me, that, what the specifiers envision is required may receive an entirely different interpretation by the contractor. Tom recommends to use the words "as needed" in lieu of "as required". If one uses the words "as required", then they should be followed by just what is required.

I remember, years ago many specifications had phrases such as, "Do work to the satisfaction of the Architect". That was very clear, and I liked it, but I am afraid it would not hold up in court.

I noticed Tom agrees with me in recommending not to use the phrases "to be" or "shall be" and, for crying out loud, some of you out there are still using phrases as "the Contractor shall". Not only is "shall" not needed, but why "Contractor?" Ask yourself who the heck the specifications are written for, if not the contractor?

Tom also discusses Preliminary Project Descriptions and Outline Specifications. For many years, when an outline specification was required, instead of preparing typical outline specifications, I prepared an 80% to 90% specification by using close example specifications. Some minor revisions were made and then sent to the owner. I have yet to receive a complaint for this method, and several times heard the comment "I like this because we can immediately begin to make corrections and revisions as needed, and then send it back to the architect, which speeds up the design process."

Some of you may be asking just how all this fast method is accomplished. My master specs were gathered over a period of years of actual specifications taken from various projects. They were then filed by CSI's numbering method. An example would be Section 04200. Specifications are given a designation, such as 04200.1, 04200.2, etc. Section 04200.1 would be bricks only, 04200.3 would be CMU's, 04200.4 would be bricks and CMU's, etc., covering all combinations. After a few years, one can build up a very good list. My index, or table of contents, lists all the major combinations and, although it does not cover everything needed, it does cover about 80% to 90%. This method is accessed by making a list of everything that the design team feels is needed, and then marking the items in the index or table of contents and printing them. Believe me, this method is faster than most any other method I have looked at over the years.

One last item. In researching previous specifications, including mine and other specifiers', I noted some of us have been a bit lax regarding the correct terminology when using the words "applicator" or "installer". For instance, a roofer is not an installer, although they do installations: they are usually considered an "applicator". Another example is, one does not "install" paint, one "applies" the stuff.

APRIL DINNER MEETING

Dale Kuykendall CDT

The announced topic was "Coordinating Consultants' Specifications". However, we were treated to an interesting discussion on a variety of subjects. Some members may have been disappointed to find that the speaker didn't address the "coordination" issue, but hopefully, they were able to attend Mr. Shrive's all-day seminar the following day.

What I gained from the dinner presentation, was an understanding of some of the significant work that goes behind the scenes of CSI. Mr. Shrive spoke about his active involvement in a CSI committee that is working on Uniformat. While I don't profess to understand Uniformat, it was interesting to hear that some people are recognizing the limitations of our current and beloved Masterformat. The committee will be making a presentation to the CSI National Board of Directors soon. Keep your eyes open for new material to absorb!

Portland Chapter Leaders

President	
John Lape CCS	243-2837
President Elect	
Dale Kuykendall CDT	777-5531
1991-93 President	
Jim Hirte CDT	620-0106
Secretary	
D.R. "Skip" Brown CCS	224-6040
Treasurer	
Vicki Miller	226-3508
Executive Director	
Margie Largent	620-6573

Board of Directors

Larry Chew CCS, Prof. '95	226-1575
Pat Murphy, Ind. '95	777-2204
Jim Wilson CCS, Prof. '95	222-1917
Gunnar Forland CDT Ind. '96	228-7028
Ed Fatz CCPR, Ind. '96	646-5593
Ivan McCormick CCS, Prof. '96	292-3958

Committee Leaders

Awards	
Ed Fatz CCPR	646-5593
Certification	
Tim Cockburn CCPR	643-9480
Editor	
Gloria Rasmussen CCS	635-3199
Assistant Editor	
Inge Carstanjen CDT	635-6227
Membership	
Lee Kilbourn FCSI, CCS	224-3860
Products Rep Share Group	
Mike Beeson CDT	684-3187
Products Fair	
William Clark CDT	283-3502
Program	
Jody Moore CCPR	284-6799
Technical	
Paul Wilson CCS	242-0123
Bylaws	
Ken Searl FCSI CCS	362-3472

Institute Responsibilities

Nominating	
Jim Robertson FCSI CCS	342-8077
Jury of Fellows	
Dave Thomas FCSI	1-800-788-3630
Technical	
Chris Bushnell CCS	(206) 357-9988
Education	
Ron Eakin	686-3355
Marketing/Membership	
Dick Kissick CCPR	(206) 383-9790

Region Responsibilities

Awards	
George Eidam	(208) 345-7127
Education	
Jeff Callahan CDT	(907) 753-3243
Membership	
Vance Taylor	(907) 563-5570
Publications	
Brad Williamson CCS	(206) 623-4646
Technical	
Jim Wilson CCS	(503) 222-1917
Certification	
Sandi Velleca CCS	(907) 349-5148
Planning	
Elliot Mohr	(509) 535-0683

Institute Directors - Northwest Region

Jim Chaney CDT	
McKenzie Commercial Cont., Inc.	
865 W. 2nd Avenue	
Eugene, OR 97402	(503) 343-7143
Jim Adkins CCS	
Specifications Consultant	
8625 26th Avenue NE	
Seattle, WA 98115	(206) 528-4744

Northwest Region Chapter Meetings

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

Cook Inlet, Anchorage, Alaska

Third Tuesday	
Ken Maynard	(907) 276-4218

Idaho, Boise

First Tuesday	
Scott Henson	(208) 345-6677

Mt. Rainier, Tacoma, Washington

Third Tuesday	
Cheryl Rue	(206) 383-3084

Portland, Oregon

Second Tuesday	
Jody Moore	(206) 574-3449

Puget Sound, Seattle, Washington

Second Thursday	
Relta Gray	(206) 382-3393

Capitol, Salem, Oregon

Second Thursday	
Darwin Doss	(503) 581-5151

Spokane, Washington

Second Thursday	
Tom Crossan	(509) 624-4281

Willamette Valley, Eugene, Oregon

Last Thursday	
Paul Edlund	(503) 485-1941



Advancement of
Construction
Technology

THE PREDICATOR

Portland Chapter - The Construction Specifications Institute

Volume 34 No. 11

June 1995

Portland Chapter CSI
Friday, June 16, 1995

We're having a party!

We have worked hard all year, learned our lessons well, and now, for some rewards!

On Friday, June 16, you are invited to

**play golf at Meriwether Golf Course,
from 8 AM to 3 PM**

**attend our Social Hour with the music of jazz pianist Michael Harrison,
from 5:30 PM to 7 PM**

**and have dinner and celebrate with the award winners,
from 7 PM to 9 PM.**

Please come and help us welcome the new officers, and compliment the 1995 Portland Chapter award winners - including the recipients of the Bid Documents Awards!

Cost of dinner is \$25.00; golf tournament fees are \$50.00. Please use the back of The Predator to reserve your place at dinner, or call the association offices at (503) 220-0254, and give your choice of New York steak or salmon. Deadline for sign-up is June 14, 1995.

Directions to: MERIWETHER NATIONAL GOLF CLUB
5200 SW ROOD BRIDGE ROAD, HILLSBORO, OR
503/648-4143

Take Tualatin Valley Highway (Highway 8) west to SE River Road, (Hillsboro), take a left turn, follow SE River Road to Rood Bridge Road, then take a right to the club.

SEE MAP ON PAGE 4

Make your reservations EARLY, and if you find you are unable to join us, call to cancel. Please remember: No-shows will be billed. See you there!

The President's Message

John Lape CCS, President

My two year term as President of the Portland Chapter officially ends June 30, 1995. I will be handing over the gavel to my replacement, Dale Kuykendall, at the conclusion of our Award's Banquet, June 16, 1995. With but a few official duties left in my term, it is time to reflect back and look ahead.

I want to thank you all for the tremendous support, enthusiasm and friendship that I've received. I've developed many valuable business contacts and long term friendships.

Our Chapter is a strong vibrant association with committed and enthusiastic members. The strength of this Chapter permits it to be a leader in programing and education, and has allowed us to grow to be the fourth largest Chapter in the Institute. We now have over 400 members, and led the nation in new member recruitment last year.

Our Chapter's achievements are the result of a lot of hard work by a great many people. We have seen a resurgence in our Product's Fair that has swelled to over 135 booths, attracted a strong co-sponsor in IIDA, and is now to be held in the Convention Center for the next three years. Our golf tournament is now in its third year and attracts over 130 players to some of the more prestigious courses in our area. The golf tournament is providing strong financial support to the Chapter's education focus. This will help us to attract national caliber speakers, like the seminar we put on this year.

Education was one of the points that was identified as important during the planning session that we held last fall. In response to that meeting we have become an AIA licensed provider of Learning Units. Since the beginning of this year we have held many events and provided over 650 learning units. Many of the events that we currently hold, including the Products Fair, have an educational focus and are now approved for AIA credits. Soon, even the box lunch seminars, that many of our members put on, will offer this credit.

We have made great advances in publicity and liaison with other organizations. Information about our Chapter activities now regularly appears in Architalk, Construction Data and DJC publications. We have held joint meetings with SMACNA and AIA, and participated in Architecture Week, welcomed IIDA as a Product's Fair co-sponsor, and PEO as a co-sponsor of the seminar in March. The Joint Code/Permit Committee, with the City of Portland building officials, continues to chart unprecedented territory in communication and understanding with a City's building department. This relationship comes from the very heart of our organization, as we are made up of individuals, not companies, from the many facets of the building industry.

Last year marked the end of a protracted "discussion" with the Institute over our revised By-Laws. One of the key changes, although not a bone of contention, was revising the make up of the Board to reflect the percentages of our membership.

One of the things that makes this Chapter outstanding is it's leadership and enthusiasm and ability to attract new vibrant members. This mix of the old guard (Ken, Lee, Margie, Inge, et al) and the newcomers make this a very dynamic Chapter. Our leadership in the coming years is in excellent hands. Dale Kuykendall, a contractor with Emerick Construction, will take over in July. Rick Heiserman, an architect with WEGROUP, will follow Dale at the end of his term. In Dale we have a President of high integrity who is very well organized. He is a quiet man on the outside, but with a terrific sense of humor, and a conviction to see our Chapter continue to move ahead. If we give him the support that I received from you during the past two years, we have a good future ahead of us.

Our Chapter has received recognition at regional and national levels. Last year we were awarded region Directors' Citations for our share groups and new member orientation. On the national level, we led the nation individually and as a Chapter in new member recruitment. We also received the Chapter Cup for 1994 and Publication Awards for The Predicator and the 1994 Directory.

Next year, for the first time, we will have a part time Executive Director. This should free up some of the time in a volunteer organization that is consumed by the operation of a Chapter our size. That should

translate to more time funneled into "the advancement of construction technology". It will also provide us with more continuity for negotiating contracts, newsletter, working with other associations, and meeting reservations.

It's been a wonderful two years, but I'm ready to pass on the gavel. I will, however, continue to stay active. I have a stint on the Board as immediate past President, and I plan to stay active on the programs, planning, specifiers share group and joint Codes/Permits committees. In addition, I will continue as Budget Trustee and the coordinator for our AIA Continuing Education Program. I also hope to continue some of the liaison work that we have fostered with other associations.

It has become customary, recently, for players leaving the field at the end of the season, to proclaim that they're going to Disneyland! Well, I'm not going to Disneyland, but I will be traveling to Sweden in April to attend the Track & Field World Championships. Thank you all again for the hard work, support and friendship.

1995 CSI GOLF TOURNAMENT - ANNUAL AWARDS BANQUET

Friday, June 16, 1995

Make sure you et aside the time for the Third Annual Golf Tournament/Awards Banquet which will be held at Meriwether Golf Course!

The Meriwether Golf Course will offer a fair but challenging setting for the Tournament and the new club house has the atmosphere to make our Awards Banquet one of the best ever. With the addition of our Tournament co-sponsors we've been able to go to a shotgun start for the golf tournament which in turn allows us to have the Golf Awards right after the tournament is finished. For the first time we've managed to schedule the Awards Banquet at the same facility, so come early for golf and stay on for the awards.

Michael Harrison will be playing jazz piano (after playing in our tournament) for the 5:30 social hour and dinner that will be served in a banquet room with beautiful views of the course and countryside. Changing facilities are available for those golfers who wish to change between events.

SIGN UP SOON AS WE EXPECT BOTH EVENTS TO BE SOLD OUT!

SCHEDULE OF EVENTS

Friday, June 16, 1995

8:00 - 9:00	Tournament check-in and hole assignment.
9:00	Shot-gun start
11:00-1:00	Box lunches for players at turn
2:00-2:30	Tournament social hour
3:00-4:00	Tournament awards
5:30-7:00	Awards Banquet Social Hour (Michael Harrison on Piano)
7:00-8:00	Awards Dinner
8:00-9:00	Awards Ceremony

Cost for the Awards Banquet will be \$25.00
Tournament fees are \$50.00 - see the enclosed sign-up form

Please reserve a space at the Awards Dinner for the following people:

Name	CSI Member	Firm	Phone Number
------	------------	------	--------------

**PORTLAND CHAPTER CSI
BOARD OF DIRECTORS**

MINUTES OF March 14, 1995 MEETING

Written for D.R. "Skip" Brown AIA CCS, Secretary

The meeting was called to order by President John Lape at 12:03 PM at the AIA/CSI Office

PRESENT: Chew, Fatz, Forland, Kuykendall, Lape, Largent, Murphy, Wilson.

ABSENT: Brown, Hirte, McCormick, Miller.

ALSO PRESENT: Jim Adkins, Lee Kilbourn, Ralph Robinson.

Discussion

Approval of Minutes: Minutes of the February 7, 1995, Board of Directors meeting were approved.

Treasurer's Report

1. An update of the budget as issued by John Lape was approved.
2. Products Fair booth sales were discussed.
3. It was noted that income and expenses for Products Fair will be higher, as the cost of both electrical hookups are carried by, and passed along to, exhibitors.

Correspondence Reports

1. Kilbourn noted his letter recommending Bud Rogers for Retired Member status.
2. Lape received letter from Institute accepting the names of Jim Hirte and Skip Brown for Institute Committee positions.
3. Lape also reviewed correspondence confirming reservations at Salishan Lodge for Region Conference.

Old Business

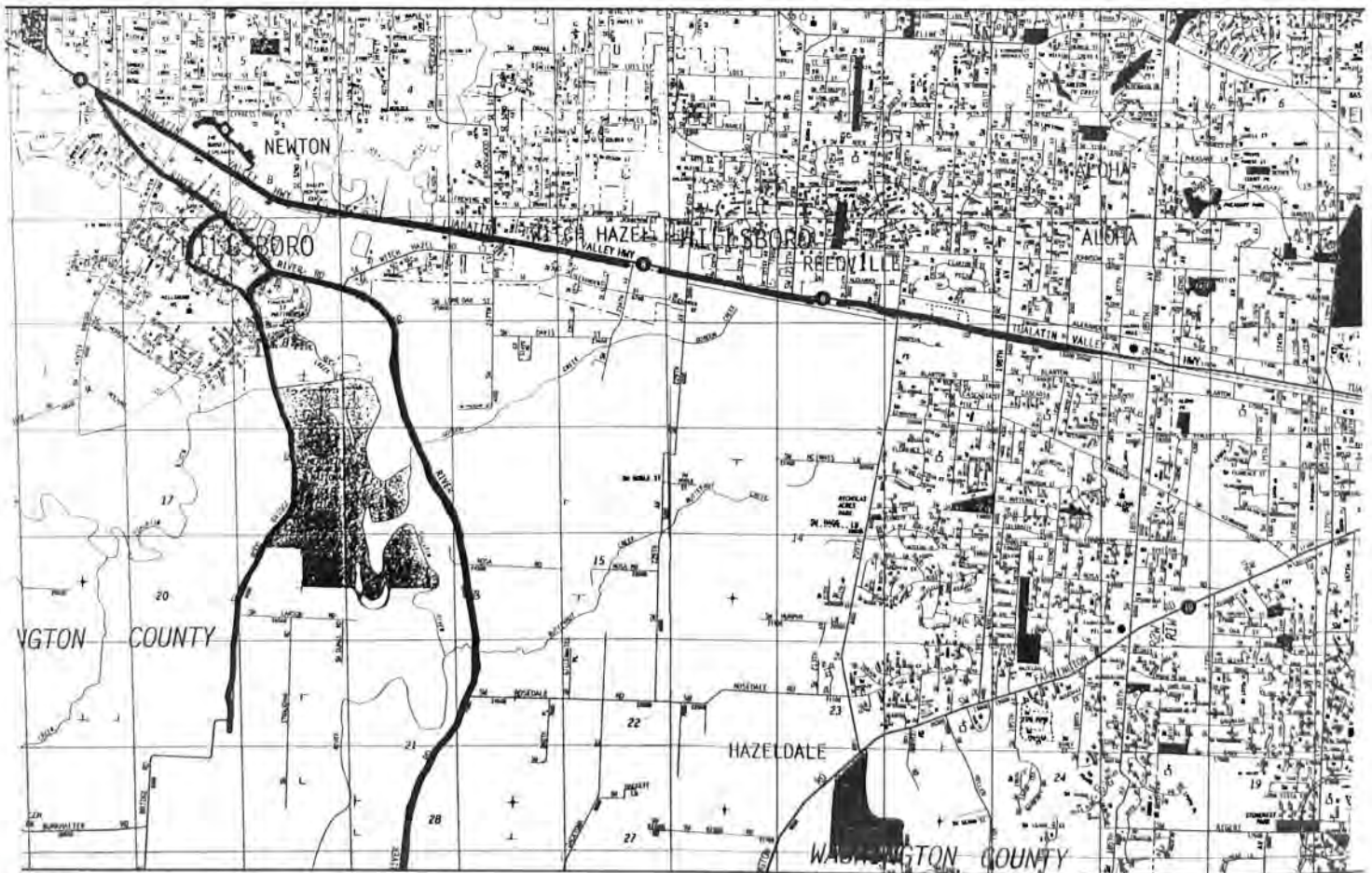
1. For the position of Board member, Nominating Committee is submitting two Industry and two Professional nominees (one nominee to replace position vacant with resignation of McCormick) for ballot listing.
2. Meeting reservations and walk-ins. It was decided Lape would continue to make announcements at dinner meetings stressing the importance of timely reservations.
3. National Education Seminar; over 41 professionals are signed to attend seminar. Coordinating Consulting Engineer's Specifications, featuring Charles Shrive.

New Business

1. Jim Adkins, Region Director, discussed recent developments at Institute, including current financial posture, new accounting system, new executive director, potential software development in consort with CSRF. Adkins report was very positive.
2. Adkins noted the July 1 Institute dues increase.
3. Following a question from the Board, Adkins speculated on possible new chapters in Medford and Montana.
4. A written proposal was presented to the Board to consider expanding the responsibilities and compensating the position of Chapter Executive Director. Following a lively discussion, a motion was made and passed to form a three member committee to establish criteria and solicit candidates for the position of executive director. Committee members are Kuykendall, Wilson, Heiserman.

Next Meeting Date: April 4, 1995, at Noon at the Association Offices (AIA/CSI).

Meeting was adjourned at 1:10 PM



Education Page

The following two educational seminars will be presented by the City of Portland, Bureau of Buildings and the Code Officials Education Consortium of Oregon (COECO):

Chapter 31 Accessibility
Thursday, June 22, 1995

Introduction to the 1994 Uniform Building Code
Friday, June 23, 1995

Both seminars will be presented in the Portland Building, second floor Auditorium , 1120 SW 5th, Portland, Oregon

CHAPTER 31: ACCESSIBILITY will start with a quick background of accessibility requirements and then review the newly enacted Oregon Chapter 31 and how it applies to new and existing buildings. Oregon Structural Specialty Code Amendments dated January 1, 1995 contain the new Chapter 31. Thursday, June 22, 1995, 8:30 am to 4:00 pm.

Instructor(s): Kermit Robinson, City of Portland, Bureau of Buildings, Code Development Specialist, former code and accessibility consultant and Code Research Coordinator for the Department of Construction and Land Use, City of Seattle, Washington. Robert Pike, President of Environmental Access, Inc. has 15 years experience as an access consultant. Member of State of Oregon Chapter 31 Committee.

INTRODUCTION TO THE 1994 UNIFORM BUILDING CODE is designed to familiarize participants with the radically different 1994 Uniform Building Code. The Uniform Building Code and UBC Standards have been divided into a three-volume set. The 1994 Uniform Building Code has been reformatted into the common code format established by the Council of American Building Officials. Participants should have volumes 1 & 2 to fully take advantage of the class, Friday, June 23, 1995, 8:30 am to 4:00 pm.

Instructor(s): Jim Harris, City of Portland, Bureau of Buildings Plan Review Supervisor. 15 years with the Bureau of Buildings. Martin Brown, Building Official, City of Wilsonville, Oregon. Numerous years of Code Change committee work.

SEMINAR SCHEDULE; Seminars start at 8:30 am and end at 4:00 pm. One hour lunch, 11:45 am to 12:45 pm. SEMINAR FEES: The seminars are free, however, parking and lunch are on your own.

REGISTRATION IS REQUIRED: Seminars are limited to 60 participants. Registrations will be taken on a first come, first served basis. Mail or FAX registration forms to: Training Coordinator, City of Portland, Bureau of Buildings, 1120 SW 5th, Room 930, Portland, OR 97204-1992; FAX (503)823-6983. QUESTIONS? Call Stan Scotton, Training Coordinator, 823-7599

SEMINAR REGISTRATION FORM

I wish to attend:

- Chapter 31: Accessibility, Thursday, June 22, 1995
Introduction to the 1994 UBC, Friday, June 23, 1995

Name: _____

Jurisdiction/Company: _____

Address: _____

City: _____ State: _____ Zip: _____

One form per registrant: FAX 503/823-6983 or mail:
Training Coordinator, 1120 SW 5th, Room 930, Portland, OR 97204-1992

ETHICS AT BID TIME

Ed Loy (Reprinted from the January 1992 issue of "The Predicator")

How much thought do you give at bid time to ethics? Do you think unethical bidding is a problem in our area? What can we do to discourage unethical bidding? Ethics is an important issue to consider for all of us concerned about the vitality and image of our industry.

The purpose of a competitive bid is to create a construction team that will deliver to the owner the project requested at the lowest price and within the allotted time. These team requirements are not necessarily compatible however, and in packaging the bid, the general contractor undertakes an arduous process of decision-making that involves certain standards of conduct, ethics. And it is not only the general contractor. Subcontractors and suppliers also make judgments that reflect their business ethics.

There are three areas where ethics come to bear as we prepare our bids: quality, price and time. Ethics of quality are foremost because that is - or ought to be- the primary objective of the general contractor compiling the bid or the subcontractor submitting the price. The owner rightfully expects to receive the project requested as expressed in the bid documents. The general contractors must ask themselves a tough question: "Am I putting together a team that will be committed to giving the owner what that owner wants? No? Then what changes do I need to make in my proposed team to assure that commitment?"

The subcontractors similarly must reflect on whether they intend to abide by the contract requirements on their portion of the job. If subs have a problem conforming to the documents, they are obligated to request a change or an approval prior to the bid opening. If the general contractor has negotiated the project and substitution requests are channeled through their office, the general has an obligation to process all previously submitted requests without favoritism. If the general or the sub cannot, or will not, deliver the requested quality, they need to make the ethical decision to disqualify themselves from bidding and to pursue other work.

Ethics of price relate directly to the quest for profit, the *raison d'être* of business, and therefore present the greatest and most obvious temptation to gain unfair advantage at bid time. General contractors must presume that the subcontractors and suppliers have prepared their bids honestly and fairly and have submitted them in good faith. The generals are then responsible for keeping the sub-bids confidential, but it is common knowledge that bid peddling does occur.

Bid peddling is unjustifiable, whether it is to gain a competitive advantage, to reward a favored subcontractor or to torpedo a recalcitrant one. On their part, the subcontractors should respect the general's position by not asking for price information and should submit one bid only unless correcting an honest mistake. Knowingly submitting a very low price with the intention of making up the difference through change-order pricing or back charges is another unethical pricing approach to bidding. It is a risky strategy at best, and is unfair to the owner as well as everyone else competing for the work.

Ethics of time are not as evident as those of quality and price, but are equally important. All parties submitting bids need to evaluate their work loads to determine whether they can be responsive to the project schedule. For example, it is obviously unfair to the owner, general contractor and other trades for subcontractors to submit a bid knowing that their productive capacity is too limited for a particular size job or that they already have enough work for that time slot.

Unethical bidding is counterproductive in the long run. Generals with a reputation for bid peddling eventually may find fewer sub-bids available to them. Subcontractors who deliberately low ball their price may find few generals willing to accept their bid at face value. Over time it is difficult to prosper using unethical bidding practices.

A recurring theme throughout this discussion of ethics is that of fairness -- fair treatment of the owner, architect, contractors, other trades, and ones competition. It is important that we respect the right of the people who make up our industry to conduct their businesses free of unethical competition. Awareness and practice of the concepts of teamwork and partnering will reinforce our commitment to strong bidding ethics.

The 1995 Edition was delivered in May.

1. Please call the Chapter office if you think you are a member and have not received a copy (we sent them to members as bulk mail).
2. Also call the Chapter office with corrections to the Portland Chapter portion of the Directory. The Postal Service charges us 50 cents for copies of The Predicator which they return.
3. Please use the Directory and Specifiers Guide. The good folk at Performance Publishing have lifted a substantial load from our members in assuming responsibility for this portion of our promotion of construction communications. We need to make it worth their while to do it again next year.

REVISIONS TO 1995 DIRECTORY: NEW MEMBERS:

Diane Blitzer is now at
301 SW Lincoln Street # 1304
Portland OR 97201
503/224-7217

Cheryl Bohannon's firm has
moved to
2744 Pence Loop SE
Salem OR 97302

Garland Davis is now with
Wanke Cascade
6330 N. Cutter Circle
Portland OR 97217
503/289-8609
800/365-5054
FAX 503/285-5640
Voice Mail: 800/289-9909 + 405

Dave Mansfield has moved to
11506 SE 147th Avenue
Portland OR 97236

Chris Veit moved next door to
3095 River Road North

NOTE: This addendum does
not include revisions
to listings of former
(non-renewed)
members.

ALAN BALL
Morrison Knudsen Corp.
Del. Sta. 22-150-P.O. Box 500
Beaverton OR 97077
503/627-2145
FAX 503/627-4004

BOB BLASICH
Carter Holt
Harvey Roofing, Inc.
8614 South 222nd Street
Kent WA 98031
206/872-2115
FAX 206/872-0968

BRENT BOHANNON
Karastan Bigelow
Commercial Carpets
1214 SE Uglow Street
Dallas OR 97338
503/623-5418

JONATHAN BOSTON
Alside Supply Center
1320 NW 17th Avenue
Portland OR 97209
503/224-7240
FAX 503/223-6049

MICHAEL H. BOWLES
Williams Form Eng., Concrete
Accessories Div.
809 NE Lombard Street
Portland OR 97211
503/286-3647
FAX 503/286-3651

BRIAN CARLETON
Carleton Hart Architecture
224 SW First Avenue
Portland OR 97204
503/243-2252
FAX 503/243-3261

MARK CARPENTER
TD Northwest, Inc.
12905 SW 107th Court
Tigard OR 97223
503/624-1590
FAX 503/598-3420

SCOTT CLARKE
WESSCO - Waste Equipment
Sales & Service Co.
211 NE Cloumbia Blvd.
Portland OR 97211
503/289-2360
FAX 503/289-2845

SCOTT CRESS
Cress Company
9966 SW Katherine Street
Tigard OR 97223
503/620-1664
FAX 503/620-5834

BERT DEHAAN
Mutual Materials Co.
18230 SW Boones Ferry Road
(Durham, 97224)
PO Box 333
Tualatin OR 97062
503/684-1593
FAX 503/637-7630

JERRY EAKER
Eaker & Associates
17545 SW Rigert Road
Beaverton OR 97007
503/643-6611
FAX 503/644-6567

JOHN GOUDGE
Scofield Company
310 175th Place SW
Bothell WA 98012
206/745-8230
FAX same

ELIZABETH A. HEINZ
Thomas Kay Textiles
2744 Pence Loop SE
Salem OR 97302
503/581-8378
FAX 503/363-3270

STEVE HOHBERG
Thomas Kay Textiles
2744 Pence Loop SE
Salem OR 97302
503/581-8378
FAX 503/363-3270

TOM HOUGHTON
Louisiana Pacific Corp.
12820 SW Bowmont
Portland OR 97225
503/626-3647
FAX 503/626-1619

MARGARET KEHRLI
Arctic Slope Consulting Group
(ASCG) Engineers
6600 SW 92nd Avenue, Suite 21
Portland OR 97223
503/293-8902
FAX 503/293-7215

DANIEL MALONEY
David Evans & Associates
2828 SW Corbett Avenue
Portland OR 97201
503/223-6663
FAX 503/223-2701

MICHAEL MAROS
Maros, Michael, Inc.
3150 108th Avenue SE
Bellevue WA 98004
206/635-0080
FAX 206/635-0171

ERIKA MILANOWSKI
Lape Architects
5410 SW Macadam #270
Portland OR 97201
503/243-2837
FAX 503/243-2267

DAVID MITCHELL
Jacobs - Sistine Engineers
5000 Meadows, 4th floor,
Lake Oswego (97035)
PO Box 5210
Portland OR 97208
503/624-3103
FAX 503/624-3137

MARK B. "BRAD" MOYES
kpff Consulting Engineers
707 SW Washington, Suite 600
Portland OR 97205
503/227-3251
FAX 503/227-7980

CAROL NELSON
Benchmark Div. of
D.W. Industries Inc.
9175 North Bradford
Portland OR 97203
503/285-0058
FAX 503/285-7381

MARK NEWBERRY
VLMK (Van Domelen, et al)
Engineers
3933 SW Kelly Avenue
Portland OR 97201
503/222-4453
FAX 503/248-9263

ELLEN ONSTAD
Dodge/McGraw-Hill
Construction Info. Group
9140 SW Pioneer Court, Suite A
Wilsonville OR 97070
503/682-3091
FAX 503/685-9680

DAVID W. PICKETT
Interface Engineering Inc.
6542 SE Lake Road
Milwaukie OR 97222
503/659-6394
FAX 503/659-9029

BRIAN RUNYAN
Obert Specifications
5555 SW Dover Court
Portland OR 97225
503/245-7802
FAX 503/244-4588

SANDIE ULVEN
Oregon Contractor Plan Center
10788 SE Highway 212
PO Box 477
Clackamas Or 97015
503/650-0148
FAX 503/650-8273

BRUCE WILLIAMS
Pro-Tekt Coating Company
PO Box 5679
Vancouver WA 98668
360/256-1548
FAX 360/256-1735

JAMES A. WRIGHT
Architects Associative
8515 - B NE Hazel Dell Avenue
Vancouver WA 98665
360/574-7019
FAX 360/574-8378

3RD ANNUAL CSI GOLF TOURNAMENT

Daily Journal
Commerce

CO-SPONSORED BY:

PLAN CENTERS

SPONSORSHIP FORM

Meriwether Golf Course 9:00 A.M. Scramble Friday, June 16, 1995

Name of Sponsor _____

(As it should appear on the Sponsorship Sign).

Contact Individual: _____

Address: _____

Phone Number: _____ Fax Number: _____

Tournament Co-Sponsor Fee is \$1000.00

Hole Sponsorship Fee is \$250.00.

Long Drive or Closest to the Pin Sponsorship is \$100.00.

Golf Cart Sponsorship is \$50.00. (Name of cart sponsor will be posted on each golf cart.)

A minimum of one half of the proceeds from the hole sponsorships will go to the CSI Educational Budget, with the balance going toward tournament prizes.

Your Hole Sponsorship will be noted in the CSI Predicator each month and also with a sign on the hole at the Tournament.

Make checks payable to: **CSI Golf Tournament**

Mail to: **Marty Lundell**

C/O Unistrut

9730 SW Hillman Ct., Suite 600

Wilsonville, OR 97070

Phone Number: **503-682-2878**

Hole Sponsors

EMERICK
CONSTRUCTION
TRYM-TEX
UNISTRUT
USG INTERIORS
JOHNSONITE FLOOR
SYSTEMS
STOCKPOT
RESTAURANT
UNISTRUT SPACE
FRAMES
WINDOW TECH
DEAMOR
TMP SYSTEMS
FUTURA
VITRACOR
PGE - ENERGY
RESOURCE CENTER
CONSTRUCTION DATA
#DODGE SCAN
COMPLY BY OREGON
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INDUSTRIES
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COMMERCIAL FLOORS
STO FINISH SYSTEMS
NEYAMAR

HOLE IN ONE PRIZE SPONSOR

CSI
PORTLAND CHAPTER

LONG DRIVE & KP SPONSORS

DURA INDUSTRIES
WESTERN PARTITIONS
MMS INC.
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OREGON
JOHN LAPE ARCH.
ATLAS SUPPLY

THIRD ANNUAL CSI GOLF TOURNAMENT

Co-Sponsored By:

Daily Journal
Commerce

PLAN CENTERS

INDIVIDUAL SIGN-UP FORM

Meriwether Golf Course 9:00 A.M. SCRAMBLE Friday, June 16, 1995

Prizes for Professional, Open and Overall Winners

Prizes for Long Drives, KP's and
\$10,000.00 cash for any Hole in One on the Fourth Hole

\$50.00 ENTRY FEE
covers Greens Fees, Cart, Lunch and Tee Prizes

EACH TEAM MUST HAVE AT LEAST 1 CSI MEMBER

Other Team Members

Name: _____
Address: _____
Firm: _____
Phone: _____ Fax: _____
CSI Member: Yes No Industry Professional

Team Name

OPEN ENTRIES

Make Checks Payable to: CSI GOLF
Mail to: Jim Rother c/o: MMS
503-452-8550 P.O. Box 19789
Fax: 503-293-0134 Portland, OR 97280

16

TEAM ENTRIES

THE FIRST TEAM
TRYM-TEX TURF TERRORS
THE CRONIN CRUSADERS
DIRA DIVOTS
MASONRY INSTITUTE OF OREGON
WINDOW TECH
THE WINNERS
EMERICK 1
EMERICK 2
PUGBY SOUND ATHLETIC SUBSTITUTIONS
WOODLAM STRUCTURES
MERCER MARAUDERS
FRITZIE'S FURY
DJC PLAN CENTER
EVAN HOUSE CO.
MODERNFOLD/INTERIOR TECHNOLOGY

USG INTERIOR DESICRATORS
FAR WEST STEEL 1
FAR WEST STEEL 2
JOHN LATTA ASSOCIATES
CARLSON TESTING
CUSTOM PRODUCTS & SERVICES
WILLIAMS FORM ENGINEERING
TODD CONSTRUCTION
JACK'S OVERHEAD DOOR
ZGF / KPFF
TEAM 28
TRIAD FEARSOME FOURSOME
DEAMOR
THOMAS KAY TEXTILES
CHERIE'S TEAM

1995 CSI GOLF TOURNAMENT ANNUAL AWARDS BANQUET

Friday, June 16, 1995

Make sure you set aside the time for the Third Annual Golf Tournament/Awards Banquet which will be held at Meriwether Golf Course! See the back of this sheet for a map to the course.

The Meriwether Golf Course will offer a fair but challenging setting for the Tournament and the new club house has the atmosphere to make our Awards Banquet one of the best ever. With the addition of our Tournament Co-sponsors we've been able to go to a shotgun start for the golf tournament which in turn allows us to have the Golf Awards right after the tournament is finished. For the first time we've managed to schedule the Awards Banquet at the same facility, so come early for golf and stay on for the awards. Michael Harrison will be playing Jazz Piano (after playing in our Golf Tournament) for the 5:30 Social Hour and dinner that will be served in a banquet room with beautiful views of the course and countryside. Changing facilities are available for those golfers who wish to change between events. Dinner will be either Salmon or New York Steak. Please make your choice known when you sign up.

SIGN-UP SOON AS WE EXPECT BOTH EVENTS TO BE SOLD OUT!!!!!!!!!!!!!!!!!!!!!!!!!!!!

SCHEDULE OF EVENTS

FRIDAY, JUNE 16, 1995

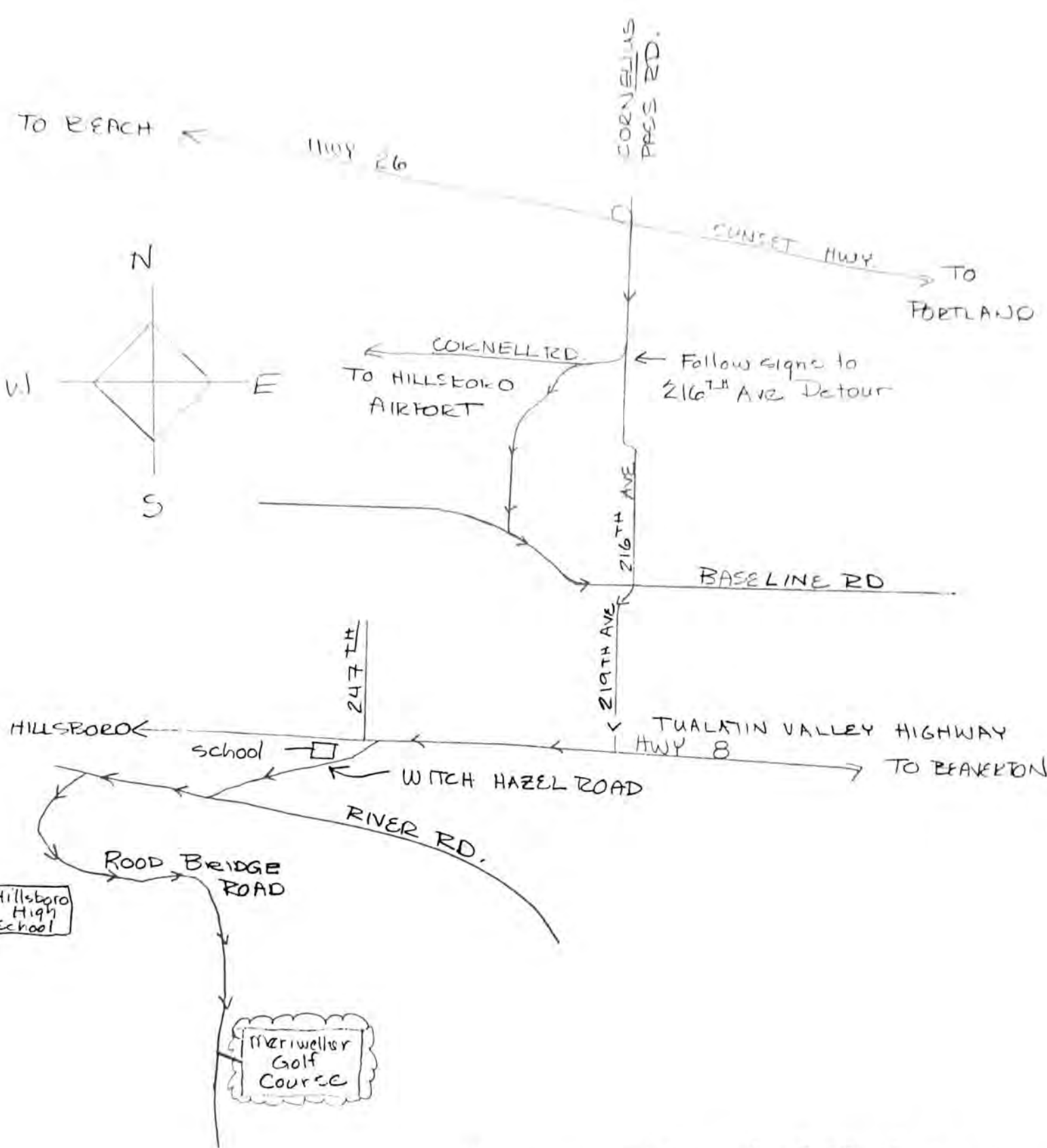
- 8:00 - 9:00 - Tournament check-in & Hole assignment
- 9:00 - Shotgun Start
- 11:00 - 1:00 - Box lunches for players at turn
- 2:00 - 2:30 - Tournament Social Hour
- 3:00 - 4:00 - Tournament Awards
- 5:30 - 7:00 - Awards Banquet Social Hour (Michael Harrison on Piano)
- 7:00 - 8:00 - Awards Dinner
- 8:00 - 9:00 - Awards Ceremony

Cost for the Awards Banquet will be \$25.00.
Tournament Fees are \$50.00 - see the enclosed sign-up form.

Please reserve a space at the Awards Dinner for the following people:

Name	Firm	Phone Number	Dinner Choice

Fax to: 220-0254 or call 223-8231.
Questions, call Jim Rother at 452-8550.



Meriwether National Golf Course
648-4143

Top 11 Reasons to Visit FY 1995 Convention in Minneapolis

By Pam Cole, PCSI, CDT - Marketing Membership Committee
Reprinted from Membership Exchange, May 1995

Been considering attending the 39th Annual Convention and Exhibit in Minneapolis? Here are the top eleven reasons I came up with:

11. Need to earn CEU's? Receive them this year for most of the seminars offered.
10. We can outdo the Mall of America! Shop the CSI Store to purchase items for your personal use, awards, golf tournaments, speaker gifts, or to honor individuals. For example, there are CSI coffee mugs, pens, checkbook covers, note cards, golf items, polo shirts, metric calculators, watches, necklaces, and more!
9. Pick up a collectible and limited edition CSI Minneapolis convention pin at the Membership Booth. Visit with the Institute membership staff, discuss membership needs, benefits, and ask questions! Register to win prizes sponsored by CSI's member benefits providers.
8. Looking for a bargain? View and purchase all the technical documents CSI produces, including, but not limited to, the *Manual of Practice* and *SPECTEXT* - and receive an extra 30% discount.
7. Bring lots of business cards - The Institute gives you stickers with your mailing information to give to exhibitors, but you will be surprised at all the chances you'll have to exchange business cards with new friends and business contacts!
6. Want to be a hero in your own office? Review the list of exhibitors with your firm, review the library to see if technical information binders are up-to-date, and carry questions or needs to the exhibitor floor.
5. How to be a hero - Part 2: Choose the technical sessions you'd like to attend and buy the audio tapes at the show if you have a conflict and can't get someone else in your chapter to attend for you.
4. Looking for information over a shrimp cocktail, exotic dessert or fabulous hors d'oeuvres? Many companies host hospitality suites hoping you'll visit their booths and many are listed on the hotel marquee. Don't miss the fun and chance to meet new friends.
3. Do you have corns, calluses, fallen arches, a bad disposition? Bring comfortable shoes, leave the disposition at home, and pre-plan your attack on the exhibit hall. There are 1,000 booths from 600 companies, and we figured you would spend 5 minutes with each company to get them all in.
2. Come home a new person, ready to attack whatever was overwhelming you before the convention with new ideas, fresh approaches to old and re-occurring problems, new contacts and business innovations, information about new products and services, and new leadership skills.
1. Best of all, there are changes! Exciting preconvention programs and tours. Thursday night's "Welcome Reception" featuring a "taste of the North Central Region". Stimulating speakers, motivating key note speakers, and the LARGEST CSI exhibit show ever. The President's Banquet promises to be fabulous with entertainment by "Synergy". Also new this year, is special Sunday morning performance by the Minnesota Orchestra.

TO SUN VALLEY IN CSI* BUS!

Dr. Perky Kilbourn

John Lape drove seven Portland Chapter CSI members and one spouse to the CSI NW Leadership Conference in Olympia (4/28/95). Mike Beeson, Ed Fatz, Phyllis Fritzie, Lee Kilbourn, William Clark, Marge Largent and me.

After arriving safely back in Portland, there was some discussion about doing the same thing from September 7-10 with the Northwest Region Conference in Sun Valley. Now is the time to start planning and tell John Lape you are interested.

Ed Fatz wants to name the vehicle in which we rode "The CSI BUS". This CSI acronym would be for "CRUMMY SPECIFIERS IMPRESSIVE". According to Ed Loy the word 'crummy' is a technical term for the vehicles which follows workers, like a caboose on a train. (uh uh?)

TOUR OF THE BLAZER ARENA

On June 17, 1995, from 10:00 AM until noon, there will be a Tour of the Blazer Arena. If you want to attend, bring your own hard hat and safety glasses.

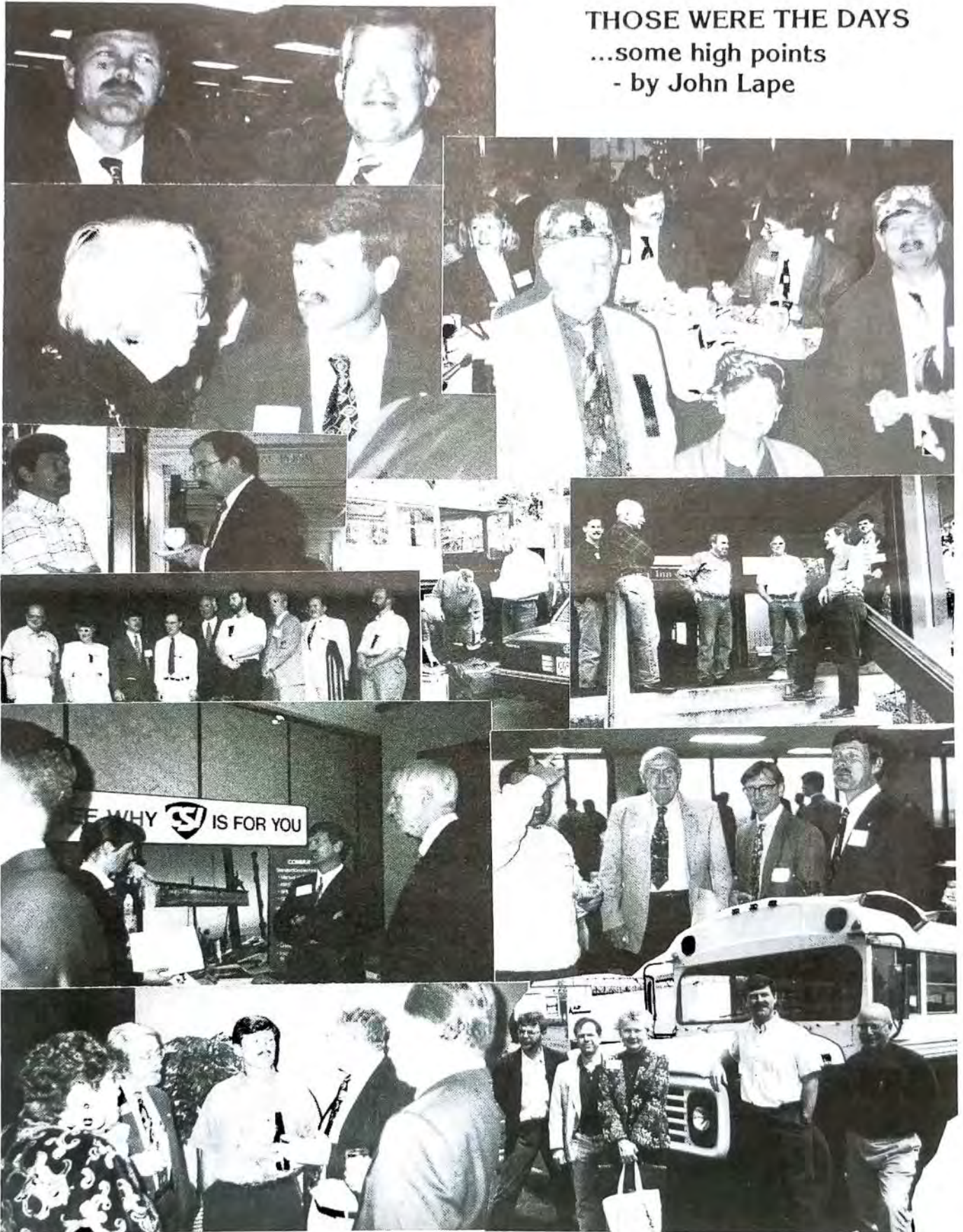
For more information and R.S.V.P., call Darwin Doss, (503) 581-5151 by June 14, 1995.



New members oriented May 1995, l-r
John Goudge, Scofield Co., Brian Runyan, Dennis Obert Specs, Erica Milanowski, John Lape Architect, Michael Bowles, Williams Form Engrs.

Bottom Left: Erica Milanowski, Member #400 presented by Membership Chair, Lee Kilbourn and President John Lape

THOSE WERE THE DAYS
...some high points
- by John Lape



The crew at the Northwest Region Leadership Conference Olympia, WA, April 29-30, 1995



Top left: Jim Robertson, and Randy Nishamura, Willamette Valley Chapter
Center Left: Jane Wang, San Francisco visiting with Tom Sagerser and Igo Jurgens, April meeting.



CSI/IIDA Trade Show, May 2, 1995 Portland Convention Center



Portland Chapter Leaders

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John Lape CCS	243-2837
President Elect	
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1991-93 President	
Jim Hirte CDT	620-0106
Secretary	
D.R. "Skip" Brown CCS	224-6040
Treasurer	
Vicki Miller	226-3508
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Margie Largent	620-6573

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Pat Murphy, Ind. '95	777-2204
Jim Wilson CCS, Prof. '95	222-1917
Gunnar Forland CDT Ind. '96	228-7028
Ed Fatz CCPR, Ind. '96	646-5593
Ivan McCormick CCS, Prof. '96	292-3958

Committee Leaders

Awards	
Ed Fatz CCPR	646-5593
Certification	
Tim Cockburn CCPR	643-9480
Editor	
Gloria Rasmussen CCS	635-3199
Assistant Editor	
Inge Carstanjen CDT	635-6227
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Lee Kilbourn FCSI, CCS	224-3860
Products Rep Share Group	
Mike Beeson CDT	684-3187
Products Fair	
William Clark CDT	(206) 283-3502
Program	
Jody Moore CCPR	284-6799
Technical	
Paul Wilson CCS	242-0123
Bylaws	
Ken Searl FCSI CCS	362-3472

Institute Responsibilities

Nominating	
Jim Robertson FCSI CCS	342-8077
Jury of Fellows	
Dave Thomas FCSI	1-800-788-3630
Technical	
Chris Bushnell CCS	(206) 357-9988
Education	
Ron Eakin	686-3355
Marketing/Membership	
Dick Kissick CCPR	(206) 383-9790

Region Responsibilities

Awards	
George Eidam	(208) 345-7127
Education	
Jeff Callahan CDT	(907) 753-3243
Membership	
Vance Taylor	(907) 563-5570
Publications	
Brad Williamson CCS	(206) 623-4646
Technical	
Jim Wilson CCS	(503) 222-1917
Certification	
Sandi Velleca CCS	(907) 349-5148
Planning	
Elliot Mohr	(509) 535-0683

Institute Directors - Northwest Region

Jim Chaney CDT	
McKenzie Commercial Cont., Inc.	
865 W. 2nd Avenue	
Eugene, OR 97402	(503) 343-7143
Jim Adkins CCS	
Specifications Consultant	
8625 26th Avenue NE	
Seattle, WA 98115	(206) 528-4744

Northwest Region Chapter Meetings

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

Cook Inlet, Anchorage, Alaska

Third Tuesday	
Ken Maynard	(907) 276-4218

Idaho, Boise

First Tuesday	
Scott Henson	(208) 345-6677

Mt. Rainier, Tacoma, Washington

Third Tuesday	
Cheryl Rue	(206) 383-3084

Portland, Oregon

Second Tuesday	
Jody Moore	(206) 574-3449

Puget Sound, Seattle, Washington

Second Thursday	
Relta Gray	(206) 382-3393

Capitol, Salem, Oregon

Second Thursday	
Darwin Doss	(503) 581-5151

Spokane, Washington

Second Thursday	
Tom Crossan	(509) 624-4281

Willamette Valley, Eugene, Oregon

Last Thursday	
Paul Edlund	(503) 485-1941

315 SW 4th Avenue
Portland OR 97204-2342

DATED MATERIAL

Address Correction Requested



Robert R. Klas
Ehmann - Klas Associates
6775 SW 111th Ave
Beaverton, OR 97008-5366

PORTLAND CHAPTER MEETING SCHEDULE

- June 22** Seminar: Chapter 31 - Accessibility
- June 23** Seminar - Introduction to the 1994 UBC
- Jun. 16** Portland CSI Annual Golf Tournament and Member Recognition Banquet
- Jun. 23-25** CSI 39th Annual Convention and Exhibit, Minneapolis - St. Paul.

For more information on the seminars, see Page 5.

Editorial Policy

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

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RESERVATIONS BY FAX

June 16, 1995, Portland Chapter CSI Dinner Meeting

TO MAKE YOUR RESERVATIONS, COMPLETE BELOW AND FAX THIS PAGE TO:

(503) 220-0254

- I will attend.
- I will bring a guest
- Vegetarian meal.
- New York steak Salmon
- Program only; make a name tag for me.

If the mailing label is missing from the top of this page, please complete the following information:

Name(s) of Person(s) attending:

Company:

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