President's Corner by Dick Gira

I would like to share with you some of the happenings that have taken place during the summer months.

In June, we lost our office space along with Janet Styner, who devoted much time and effort in our behalf in the production of "The Predicator". Additionally, she performed various other duties for the Chapter including clerical, secretarial and financial records work. We will miss her efficiency and dedication on one hand, but on the other—we, as a Chapter, should strive to do our work on a more voluntary or elected level and to not place so much responsibility on any one person in the future.

The Chapter also wishes to thank Les Seeley for the use of his facilities the last couple of years. It was very generous of him to allow the chapter office to be located at his place of business.

In July your officers and Board of Directors met on an emergency basis in an attempt to solve some of the problems mentioned above. (Minutes column)

Also in July, but at still another meeting, the Board voted to relocate the Chapter office to the Builder's Exchange facilities and to enter into an agreement whereby the

(please turn to page 2)

Chapter Meeting Minutes

DATE: Tuesday, Sept. 13, 1983
TIME: 5:30 Social
   6:30 Dinner
   7:30 Meeting
COST: $9.00 per person
PLACE: Portland Motor Hotel,
   1414 S. W. 6th, Portland, Or.
RSVP: CSI Office - 238-1462
SUBJECT: LAMINATED GLASS

Steve Nelson of Pan Lam Co., Seattle, Wa. Use of laminated glass in sloped applications; satisfying building code; plus advantages (insulating, acoustic), film strip showing glass breakage under impact— all types of glass.

Tabletop Display

Our program this month will be on Laminated Glass. Any member of CSI interested in displaying products associated with the above topic can contact Gary Zegelow at 635-7166.

Coming Attractions

Oct. - Wish Night, Jim Griffith/Paul Edlund and others
Nov. - Remodeling - Renovation
Dec. - Christmas party - surprise program
Jan. - Producer's Council (CPMC)
Feb. - Architect's Mistakes
Mar. - Response to Wish Night
Apr. - CSI Products Fair - AIA/CSI Joint Meeting
May - Bid Night (Contractors)
June - Fun Night

Board of Directors Minutes

SPECIAL BOARD MEETING
7-26-83 at Gira's Home, 8:00 p.m.


Minutes of Board Meeting of 7/19/83 accepted as read by Hunt Jones.

AGENDA: New CSI office facility; new editorship and program for The Predicator; new budget; committee reports.

Half hour discussion on relative merits of using the offices of the Builder's Exchange versus Ed Charles' Offices for CSI resulted in the motion to move to the Builder's Exchange, seconded by John Barker. Vote in favor was unanimous.

Margie Largent to be editor of The Predicator. Discussion as to how the newsletter would be printed, typed, paste-up, etc. Dennis Destefano moved to allow $120/month for Perky Kilmu to use her word processing equipment, along with the services of her friend to do paste-up. Motion was seconded and the vote unanimous.

Year-end treasurer's report was then discussed along with the proposed budget for the coming year. Estimated budget was revised to reflect changes in the estimated cost of the Products Fair. Total proposed income and expenses $37,775.00 amended from $41,775.00. Ed Charles will handle bookkeeping, and Builder's Exchange to take care of incidental clerical.

John Barker made motion to adopt amended treasurer's report, seconded by Hunt Jones. Vote was unanimous.

John Madrosen discussed the possibilities of having the Products Fair at the Lloyd Center Red Lion next April. He will have further details at later date. Group was favorably disposed.

Dennen Latham discussed upcoming CSI programs, including a Sept. tour.

Leadership Conference to be held in Seattle, Aug. 12-13. Partial rebate available to members who attend.
President's Corner by Dick Gira

(continued from page 1)

Builder's Exchange would answer our phone (a private line) and be available for secretarial work occasionally. During this meeting the budget for the year was adopted and arrangements to produce "The Predicator" were adopted. Thanks go to Betty Sherman and Karen Akeson for researching the various office possibilities. (Minutes column)

At still another meeting in June, a "Past Presidents" committee was organized. This fine and dedicated people have agreed to conduct an "orientation" program for all of our officers and committee leaders.

During the last week in July, through the kindness and muscle of Larry Arnold and Don Eggleston (who supplied us with some manpower), all the records, supplies and furniture was moved into our new office space.

Another problem the Chapter encountered during the summer was the loss of our monthly chapter meeting site. Osbeck's Restaurant suddenly closed. Hunt Jones and his hospitality group have had to search for another site.

John Madrosen and his Products Fair committee have put in considerable time and effort coordinating the move to another site.

Denmet Latham has been working like a beaver (or duck) on the programs for the year.

Margie Larent, Inga Vrla, Lee Dietz and Lee Kilbourn have worked hard to publish "The Predicator" in a pleasing and economical manner.

Stan Carper and his Education committee have arrangements for a group of architectural technology students from Mt. Hood C.C. to attend a number of educational seminars prior to our Chapter meetings this year.

So you see — quite a few people have been involved in our chapter (and others that I have not mentioned) activities and planning — all of this work designed to be attractive, interesting and beneficial to us all!

Support their good works!

Board of Directors

May 3, 1983


The minutes of April 5, 1983 were reviewed and approved as published.

Ivan McCormick presented the Treasurer's report for the month ending April 30, 1983, and the Quarterly Report for the Third Quarter ending March 31, 1983. The Board reviewed the report and voted approval.

In a preliminary financial report concerning the NW Region Conference it was reported that it appears that the Chapter came out even on expenses. The subject of refunds for those that did not attend was discussed. The Chapter Board voted to refund 75% of the registration fees to those who had requested a refund.

Don Eggleston commended the Committee and Comgroup on the 1983 Chapter Roster Publication.

The Portland Chapter will receive an award for the Chapter Education programs at the National Convention in Kansas City.

The 1984 Region Conference will be held in Victoria, B.C., April 26-28.

Ivan McCormick has been appointed the NW Region Technical Documents Chairman. Congratulations Ivan!

The meeting was adjourned at 1:05 PM

Respectfully submitted,
Janet H. Styner, Secretary

The meeting was specifically called to try and make a decision on the new location for our CSI Chapter Office.

President Gira announced that the meeting was specifically called to try and make a decision on the new location for our CSI Chapter Office.

The Research Committee of Betty Sherman and Karen Akeson were given the floor, and copies of their report were distributed. The list of sites were quickly narrowed down to two. After considerable discussion, the matter was tabled until July 26 for want of more information on prices.

John Madrosen then reported that the Products Fair Committee had been looking into alternate sites for the 1984 Products Fair. It was their feeling that the declining attendance could be reversed with a different location. John stated that the Red Lion Center has a convention room available, and there is plenty of free parking. That would be much more congenial than the Coliseum. Although the initial cost would be more, the free parking and carpeting would make it come out about even. After some discussion, the board gave its approval for the committee to further investigate this new location and if within the guidelines already set for the Products Fair, to initiate a contract for April 17 and 18, 1984.

The meeting adjourned at 1:25 p.m.

1984 Products Fair

Red Lion at Lloyd Center has been chosen as the site for the 10th Annual Portland Chapter CSI Products Fair. The event will be held April 17 and 18, 1984.

The new site will be much improved over last year's fair which was housed at the Memorial Coliseum. Exhibit space, meeting rooms, banquet rooms and hotel rooms will now be available in one complex.

Committee Members include John Madrosen (Chairman) of Construction Data News, Jim Davidson of Cronin Company, Sarah Lewontin of Pacific Northwest Bell, and Tom Mohr of Mohr Construction Systems (MCS).

AIA-AGC-CSI

The AIA-AGC-CSI Committee met July 26 and went over the final revisions for a brochure on Contract Closeout Procedures. This will be typed and sent out for further review before final printing.

If you have concerns or comments, please contact Ken Searl, the CSI representative.
Basic Specs by Ken Searl

Chapter 32 Roofing of the 1982 edition of the Uniform Building Code and Appendix Chapter 32 Reroofing should, in my opinion, reflect the usage of the many single ply roofing systems and other types of new roofing systems but they don't and I would like to know why.

When the 1982 code came out, I eagerly looked through it for items that I felt should be revised to cover what's going on out there and I must say I was disappointed. The only mention I can find regarding newer roofing systems is on page 530, entitled, "Prepared Roofing", which doesn't say very much.

Section 32 apparently is geared up to built up to built up roofing plus metal and shingles. Most requirements for built up roofing just don't apply to most single roofing systems.

In the Appendix Chapter 32 Reroofing, no mention at all is made regarding single ply systems. Their reroofing precautions and preparation do not take into consideration what single ply can and can't do in a reroof application.

An example of what I am talking about is in Section 3211, wherein it calls for proper venting of existing insulation. This is very important if one is going to install a built up roofing system over an existing system, but with a loose laid single ply roof, moisture is not necessarily a problem. One must investigate thoroughly the existing system, but a certain amount of trapped moisture is no cause for concern or a complete tear off. What I'm saying is, if the moisture remaining will not cause damage to the root deck, such as rusting of a steel deck, then why tear off the roofing! Just go over the top and save the cost of a tear off which is quite expensive. If any insulation is involved, and it is damp, just don't consider it in your "R" factor computations.

I do think it is high time for the building codes to recognize what's going on out there. There are some of us who haven't specified a built up roofing system for several years.

Northwest Leadership Conference

8/12/83 - 8/13/83

Attending from Portland:
Pres. Richard Gira
Pres. Elect, Betty Sherman
Sec'y, Inga Vrla
Past Pres. Les Seeley
Region Tech. Ch. Ivan McCormick
Membership, Lee Kilbourn
Region Awards, Bob Klas
At-Large, Dennis Ober
gmargie Largent

The Region Leadership Conference is a very good place to get a firmer grasp on any chapter office or committee leadership position that you are stepping into or are considering but aren't sure what the commitment in time and talent.

The number of people attending from the Portland Chapter indicates a good year under Dick Gira's leadership. If you - the reading members are interested in assisting this year or assuming a leadership role next year do contact any of the above people and expose yourself! ... figuratively, that is.

Annual Convention

NATIONAL CONVENTION OF CSI

The National Convention of the Construction Specifications Institute was held June 24-26, 1983 in Kansas City, Missouri. As usual, there were several concurrent sessions. This year was different however, in that there were 2 series of concurrent sessions for Specifications Writers.

IMPROVING YOUR SPECIFICATIONS

One series was on improving specifications with discussions on Masonry, Finish Hardware, Single-Ply Roofing, and Lath and Plaster.

COMPUTER AIDS FOR DESIGNERS, BUILDERS AND MANUFACTURERS

The other series was six sessions on Computers Aids for Designers, Builders and Manufacturers. The first session was Introduction to Computer Aids followed by Realistic Expectations about Computers. Kenton Johnson, PE, the Editor/Publisher of Engineers Computer Applications Newsletter led both those sessions.

He provided the audience with a reprint of his article "Introduction to Small Computers" published in the April, 1982 Civil Engineering - ASCE, and an outline of the points he was going to cover. He discussed the history of computers, components of computers, and examples of computers in the first session. Applications, expectations, and resources were discussed in the second session.

His list of expectations seemed well thought out, accurate, and included the idea that Computers are going to be getting better and faster. Computers will require more capital and technology but buyers should look at the ultimate cost not the initial price. Computer will save time as well as money in the long run.

Littleton Daniel then conducted two sessions: Evaluating Large Scale Systems and Evaluating CAB and Office Automation Systems. Littleton used the following outlines for his first talks:

1. Why Differentiate between Big and Small Scale Systems? - his conclusion was that there are numerous differences and listed them.

2. Description - he described Big and Small Scale Systems.

The main differences are in Basic Philosophy, Cost of the System, Cost of Operation, Cost of Learning, Cost of Expansion and Impact on Facility and Staff, Commitment (how much time you must spend with it), Method of Use, and the Results of Going to a Computer - the Automation Image, the Quality and Speed of preparing Marketing Proposals and Reduction of Faxes.

He gave his opinion of when to buy a Big System and what to look for, listed the best vendors and and then summarized the first session.

(continued)
The Predator

September 1983

To the Editor

July 15, 1983

To the Editor:

In the new issue, Ken Searl holds forth on the merits or demerits of shop drawings. I can speak from only one point of view and that is in support of shop drawings for automatic fire protection systems such as automatic sprinkler systems, Halon systems, dry chemical systems and so on.

From my limited experience in reviewing architect or engineer-prepared plans for fire protection systems, I cannot recall one instance in which the drawings contained in the contract documents accurately reflected what is required by the codes and standards relating to the same subject matter. This is not to say that industry-prepared shop drawings of fire protection systems are always adequate or reflect what is required but I have found that they more closely portray code requirements whereas drawings contained in the contract documents (if any, and many times there are none) are schematic at best and never sufficiently detailed to allow the workman with the tools and materials to put the thing together.

Respectfully submitted,
Washington County Fire District # 1
Wilburn Dodge
Fire Prevention Officer

From the Editor

Answering the CSI telephone (our very own telephone) at the new CSI office (Room 200, Builder's Exchange) are:

Jane Sampier
Betty Kincaid
Nicki Seller

Please let us hear from you — letters, articles of CSI interest — serious or fun!
President's Corner
by Dick Gira

With respectful reluctance, I select upon some of the words of Martin Luther King, Jr.:

I Have a Dream that when a drawing table or an otherwise shown or noted— it is.

I have a dream that architects insist on quality work.

I have a dream that building officials be consistent.

I have a dream that owners will select professionals to design and build their works.

I have a dream that architectural students in colleges and universities be given more of a practical education in concert with the theoretical.

I have a dream that everyone who is asked, will accept and work when asked to by our chapters' officers and committee people.

I have a dream that general contractors use reference only in the way it was intended to be used.

I have a dream that subcontractors be qualified to do the work.

I have a dream that people will spell and pronounce both A-E-I-O-U and not Latin (like a piece of machinery).

I have a dream that architects will draw and number their details and sections from right to left and from top to bottom.

I have a dream that no national C.B.I. convention ever be held east of the Cascades or south of San Francisco if it is scheduled during the summer and in such hot, humid, muggy, stifling, energy sucking places as usual.

I have a dream that every leadership conference be as educational and valuable as the recent one in Seattle. Continued on Page 2.

October Chapter Meeting

DATE: Tuesday, October 11, 1983
TIME: 5:30 p.m. Social 6:30 p.m. Dinner
7:00 p.m. Meeting
PLACE: Thunderbird ar
CONFERENCE ROOM
COST: $10.00 per person
RSVP: CSI Office - 238-1862
by Friday Noon October 7, 1983
SUBJECT: "Wish Night"

PANEL MEMBERS:
Mr. Marc Jacobs
Landings Corporation
Mr. John Rigit
Emerick Construction
Mr. Dale Huguenet
The Harvey Company
Mr. Jim Griffith
Portland Bureau on Buildings
Mr. Fred Cast, Jr.
SKG Partnership
Mr. Paul Eldred, FCSI
Specifications Consultant

The panel members will discuss,
based on their extensive experience,
suggestions to improve construction contract relationships or the preparation of contract documents.

Everyone comes prepared to generate a lively discussion between the audience and our distinguished guests.

Tabletop Display

Our program this month is a general topic. Any member of CSI interested in displaying products of a general nature should contact Gary Zgelow at 535-7166.

BOARD OF DIRECTORS
MEETING AT NOON
TUES., OCT. 11, 1983
CSI OFFICE
1125 S. W. MADISON

More about Gira

Dick Gira is a multitalented leader and his talents and credits are so varied it will not be possible to pick any one as dominant unless it is EDUCATOR.

As you know Dick is Oregon's Mr. Northeast, Lath & Plaster. He is the 3rd. old fashion of two husband of Rose Ann (another Educator in the music field). He is a veteran whose hobbies include Harmony, baking, stained glass, calligraphy, photography, hiking, swimming, sports, etc., etc.

Dick belongs not only to CSI but is affiliated with Portland Chapter AIA and Columbia River Chapter ICB. Dick has contributed to or written numerous technical publications in the educational field - more specifically in the field of Architectural curriculum and terminology.

I think we could say Dick has been or is an active industrial designer, architectural historian, speaker, lecturer, teacher, artist, efficiency expert, systems engineer, entrepreneur... (his own drafting service), businessman... and a well-rounded "Entry Rep" - generic even who has an "Awards of Applied Science" degree from Purdue '72... (Mech. Engineer), "Bachelor of Industrial Education", Purdue '70, "Master of Science", Indiana Univ. '73 in Instructional Systems Technology, (Audio Visual).

Dick then is a master of "Show and Tell", also well trained and experienced in "Do and Listen". Call Dick and volunteer your services. Let's really use our exceptional leader!

CPMC/Dow Luncheon

10/20/83

DOW CHEMICAL U.S.A., in cooperation
with the Construction Products
Manufacturer's Council, will sponsor
a luncheon on Thurs., Oct. 20, at the
Riverside West Hotel, downtown
Portland.

"Long Term Performance in Roofing",
a film on the IIBA Roofing System
will be shown with Technical
Discussion on rigid foam insulation.

CPMC Contact: Walt Hansen, 799-1011
or Frank Bauscher (206) 682-9282.
President's Corner

Continued from Page 1

I have a dream that code books will become easier to interpret.
I have a dream that the professional segment of our chapter will respond to our chapter activities in far greater numbers.
I have a dream that people will not place an "a" before the "r" when pronouncing the word machinery.
I have a dream that some receptionist, etc. will make an attempt to learn more about construction, especially the vocabulary of the industry.
I have a dream that draftspersons will never again misspell a word on drawings.
I have a dream that specification writers will refer a bit more to the technical literature brought to their offices by industry representatives.
I have a dream that project developers in the larger cities will devote much more attention to the environmental impact of humans as it relates to derelicts, hobos, and vagrants and of their relationship to business people, store owners, and the public.
I have a dream that all other CSI regions will be as vigorous and hard working as the NW region.
I have a dream that those designing and producing product literature will develop more "in-depth" but at the same time, more easily interpreted materials.
I have a dream of faith - faith that all those things mentioned will somehow come to pass. With this faith, we will all be able to transform the jangling discords of our industry into a beautiful symphony of brotherhood and cooperation. With this faith we will be able to work together, to build together, knowing that we shall overcome together.

Portland Chapter

New Members since 1982-83 Directory Addendum I

Claud Cronce
CHEC Consulting Eng., Inc.
Robert K. Dalrymple
Dalrymple Design Group
Ron Davidson
John Latta Associates, Inc.
Garland A. Davis
Contract Distributors Corp.
Randall F. Davis
G & P Corporation
Richard Draper
M & P Hotel/Restaurant Supply
Charles Good
Viking Industries Inc.
William L. Hite
Horse Brothers
Bruce Holliday
Adhesive Engineering Company
Grover Jones
CHM Hill
Millis Kyle
Lanzadoro Tile

Robert Moeller
Western Pacific Coast. Materials
Dennis Oboh
Architectural Specifications
Robert E. Peterson
CHM Hill
B. Benno Philupson
CHM Hill
Richard A. Raab
AB Architecture
Robert A. Schmidt
Corroon & Black of Oregon
A. Sieger
Unistrut Northwest
Walter G. Stelger
U.S. Army Corps of Engineers
E. P. Strickler
Wesco Materials, Inc.
A. Strong
William L. Lonigan Associates
Cecil G. Taylor
Merit Building Specialties
Inga Vraa
National Marketing
Dan E. Ward
Willamette Painting Company

the predicator

Board of Directors

Minutes 9/13/83 4:20 p.m.
Portland Motor Hotel

Present: Gira, Charles, Carper.
Jones, Madrosen, Latham, Largent,
Sherman, Desteiano, Akeson, Barker,
Vraa, and Townsend.

Minutes approved as printed in The
Predicator.

Treasurer's report for July and August
approved.

Carper announced seminar on Oct.
11 will cover Contract Documents.
Jones is leaving the meeting for Hospitality
Chairman.

Madrosen shared a survey about
last year's PRODUCTS FAIR:
4551 attendees responded to
questionnaire:
202 Architects and other
professionals (44%),
199 Industry people (44%),
Public officials (9%), and
MEMBERs (3%).

FAIR will be at Lloyd Center Red
Lion April 17-18. Joint AIA/CSI
chapter meeting planned. Speaker to
be announced.

Latham reported on programming for
future CSI meetings, including Wish
Night in October.

Largent revealed very few problems with
the first issue of The
Predicator.

Sherman passed out binders for
Committee Leaders, to keep
information together and pass along
to successors. Each board member
will complete an evaluation form for
each program which should be a help
in planning future programs for CSI
meetings.

Sherman made a motion to accept
Jim Hirshe as replacement for Hunt
Jones as Board Member. Motion was
passed unanimously.

Meeting adjourned at 5:25 p.m.
Respectfully submitted Vraa, Secry.

September

Chapter Meeting

- LAMINATED GLASS

Mike Keser of Cascade Tempering,
and Justin Dune, a plan reviewer for
the City of Portland, presented the
program for the September meeting of
the Portland Chapter.

Justin Dune began the program with
an overview of glass. His initial
point which was emphasized during
the meeting was that glass breaks!
The life safety issues associated
with glass breaking are twofold:

1. What happens when glass breaks?
2. How often is it likely to break?

Glass has three main properties with
regards to stress:

1. Glass is strong in compression
2. Glass is weak in tension
3. Glass is brittle - especially in
thin sheets

Glass hung in a vertical windowframe
is in compression. Glass hung
overhead in a skylight is like a
beam. Its top surface is in
compression and the underside is
in tension. Tempered glass has
compression on both its upper and
lower surfaces. As long as the
tension doesn't exceed the
compression of tempered glass it
will not crack. Glass can not be
bent, folded or stapled.

Mike Keser then discussed skylights
and sloped glazing. Sloped glazing
is defined as any glazing past
vertical by 15 degrees.

Before 1950 anything was allowed in
skylights. After 1950 skylights
could only be wire glass or
laminated glass. The tempered glass
manufacturers have tried to get
their product allowed since 1950.

Vjgr"crg"four problems with
tempered glass in skylights:

1. It will break if overloaded
   - as under a load of snow.
2. It will spontaneously break due
to impurities in the glass - not
able to tell before this happens
that it is going to happen.
3. Improper installation of
skylights causes them to break.
4. Racking occurs due to weak
framing of the glazing system which
causes breakage.

Justin Dune then discussed laminated
glass.

NOTICE!

ALL CHAPTER MEETINGS WILL BE ON TAPE
THIS YEAR AND STORED IN THE CSI
LIBRARY (OFFICE) FOR ANYONE WHO
HISSED THE MEETING.
The next item I want to call to your attention is sizes of top rail and edge stiles. In many doors it is necessary to specify grooves or sleeve nuts if closers are to be mounted on doors. If there is an objection to the through bolts showing on the other side of the door then choose a better quality door or go to steel frames and doors. On heavy usage doors we sometimes specify steel doors and then cover them with laminated plastic. Another item is specifying factory machining for finish hardware, mostly hinges and locksets. Pricing for this is very reasonable, is a great labor saver and usually gives a more uniform appearance. On small projects it may not be feasible but on medium to large projects it will save time and money with factory machining. I normally specify factory machining and I am continually surprised that more contractors do not do it that way in lieu of job machining. I'll bet when finish hardware is installed by the finish hardware people you will find this method will be more popular. If any of you out there are still specifying the installation of Finish Hardware in Division 6, I strongly suggest you place it in Division 8 with Finish Hardware as the CSI MasterFormat indicates.

Continued
August

T LL TAKT MY SEAT POSTHUMOUSLY
THANK YOU.

On August 10, 1983,шлое CSI members had the pleasure to tour the newly completed Portland Waterfront Project Office Building. This was the first of a series of tours to be held in Portland.

August 17th marked the beginning of the annual CSI Convention in Portland.

The Convention began with a general session which was followed by a panel discussion. The topics covered included:

1. Determining the Decision Makers in the Design Build Process
2. Avoiding Project Delays
3. Choosing the Right Design Team
4. Managing the Project Team
5. Controlling the Budget
6. Monitoring the Construction Process
7. Resolving Disputes
8. Marketing the Project

The convention continued with a series of sessions on the latest trends in the construction industry.

National Convention

Confirned from September

Littletontslau, a renowned architect, followed the opening remarks of the first session with a general outline which was expanded on as he went along. He started with an overview of the CSI and its objectives, and then went on to discuss what is happening in the Profession today. How are the traditional architectural practices evolving?

Edward J. Derhy, AIA, presented the session for Contractors and Manufacturers. He introduced the concept of a Computer-Aided Design System and made some suggestions on how to look for when purchasing computers. He also discussed the importance of good contract documents.

Littleton Daniel presented the final session on Future of Computers in Construction. He discussed the role of computers in the construction industry and the impact they are having on the construction process.

The convention concluded with a panel discussion on the future of the construction industry.

Legal Points

Liability for Nonconformance to Specifications was a major topic at the convention. Liability indicates that there is a responsibility to:

1. Pay
2. Provide services
3. Repair or replace a product
4. Defend another party

Insurance policies address liability and the limits of liability are in the contract.

Uniform Commercial Code describes rules for delivery of, rescission of, and acceptance for return of goods.

Arbitration versus mediation:

Mediation does not bind parties while arbitration does.

The main areas of liability are:

1. Breach of contract
2. Breach of warranty
3. Something was done wrong
4. Change in conditions
5. Loss of money on a project
6. Imminent bankruptcy
7. Interference with business relationship

Vanziot concluded by discussing the importance of good contract documents.

For a more in-depth discussion of Vanziot's talk see the July 29, 1983 edition of the P.W. Lodge Construction News.
THE PORTLAND CHAPTER OF CSI IS SPONSORING A SEMINAR ON

CONTRACTUAL RELATIONSHIPS

DATE: TUESDAY OCTOBER 11, 1983

TIME: 3:15 to 5:15 P.M.

PLACE: THUNDERBIRD COLISEUM
1225 N. THUNDERBIRD WAY
PORTLAND, OREGON

Included will be information on:
- Formation of Contracts
- Formalities of Contracts
- Dissolution Of Contracts
- Damages for breach of Contracts
- Restitution and Liquidated Damages

Attorney Architect Bill Merrit will
be the guest speaker.

Also, as part of the continuing education
program, 2.10 of a credit unit will be
awarded to participants of the seminar.
There will be an additional cost of $3.00

The seminar will be followed by CSI's monthly meeting starting with a 5:30 no-host
cocktail hour, 6:30 dinner, and 7:30 program. Note: The evening meeting is
separate from the seminar.

SEMINAR COST: $10.00 Member
$12.50 Non-Member
$5.00 Student

PACKAGE OF 5 SEMINARS:
$40.00 Members
$45.00 Non-Members

Name:
______________________________

Address: ____________________________

City and State: ______________________ Zip: __________

Make check payable to: The Construction Specifications Institute
Mail to: CSI
1125 S. L. Madison, #200
Portland, OR, 97214

CSI
Education Committee
by Stan Carper

Portland Chapter CSI will be sponsoring four more seminars:

1. November - CSI Method of Organizing Contract Documents
2. January - Project Manual Concept
3. February - Specifications Writing Principles
4. May - Modes of Specifying

Cost: $12.50 Non-member
$10.00 Member
$5.00 Student

Approximate time: 3:15 - 5:15 p.m. preceding chapter meeting

Package Price for all 5:
$45.00 Non-member
$40.00 Member

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To the Editor

August 25, 1983

Ivan McCormick updated me on activities of CSI over the past several months. I wasn’t aware that CSI had moved from the Dekum Building and now has its office in the Builders Exchange.

However, I did learn that you are the current editor (or co-editor) of The Predicator which gets to the point of this letter. I have written a short article for The Predicator titled, “ASBESTOS, Its application, removal and disposal”, which may be of interest to spec writers in this area.

School District No. 1 has been involved with asbestos removal in some of its renovation work. We have had to remove some asbestos and encapsulate others. We became aware of the DEQ requirements about two years ago.

The DEQ rules on asbestos were sent out to all architects in Oregon about three months ago which got me thinking about our experience with it. Anyone contemplating doing renovation work should be aware of these DEQ rules.

Sincerely,
Andrew E. Olson, C.S.I., C.C.S.
Specifications Specialist

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From the Editor

Thank you Andy!

Our November issue will carry your fine article because it fits with the November program. Hope to see you there.

Other articles by our CSI Chapter members appearing in other publications include: "Changing With the Times" by Ed Charles; "Do People Plaster More" by Dick Gira; "Painting Industry Advancement Fund" by Joe Lane. These three appeared in a special edition in September of Contractor's Daily. Two articles by Ken Searl "A Spec Writer Looks at Roofing" in August '83 SIN/Coast Architect/Builder and "A Finish Hardware Dilemma" in June '83 of the same publication.

Are there others who have made print without my knowledge?

Hunt Jones has resigned to accept a job in Seattle! Jim Hirtle replaces Hunt on the Board of Directors (Industry member), and Pat O'Brien accepted the Hospitality Committee job. Good luck Hunt, come see us, and welcome Jim and Pat.

Remember all members and guests are invited to attend chapter meetings - and after dinner attendees will be served coffee. We need you - you need us.

Editor

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the predicator
1125 S.E. Madison, #200
Portland, OR 97214

ADDRESS CORRECTION REQUESTED
President's Corner
by Dick Gira

ARE SPECIFICATION WRITERS BORN...OR MADE?

Does the environment in which a young child is raised have anything at all to do with the way the child will perform when he or she matures and enters the world of work?

Suppose this person becomes a specifications writer for instance. Do well-written specifications have anything at all to do with the experiences the writer gained early in the "growing-up" years?

In the days before television children had to use their imagination while listening to the radio..."what did the killer look like?...what color horse was the hero riding?"

Little children improvised and threw blankets over cardboard boxes or furniture and played "house". They worked many hours clearing off a vacant lot in order to have a place to play baseball. At night, these same kids played "kick-the-can" or tried to catch "lighting bugs". They had, through necessity, to create their own entertainment.

They were forced by the times to "do their own thing".

In contrast, today's children watch very explicit television which doesn't leave very much to the imagination. They play "house" using miniature, actually working appliances...modular and color coordinated of course, and Little League baseball is played in well-maintained "stadiums"...all these things provided by others.

November Chapter Meeting

DATE: Tuesday, Nov. 8, 1983
TIME: 5:30 p.m. Social 
6:30 p.m. Dinner 
7:30 p.m. Meeting
COST: $10.00 per person
PLACE: Thunderbird at the Coliseum
RSVP: CSI Office 238-1462

PROGRAM: Asbestos
"Removal of Hazardous Materials"

Did you know there are more than 250 pages of federal and state regulations covering the safe handling of asbestos?

Do you know what these words mean: actinolite, amosite, anthophyllite, crysolite, crocidolite, or tremolite?

Do you know what is required of the Owner, Architect, Specifications Writer, and Contractor for the safe handling of asbestos?

Did you know that a single exposure to asbestos could initiate health problems which will not appear for twenty years?

For answers to these and other questions attend the November Chapter Meeting to hear Mike Lewis of Building Products Management, a Contractor with much experience with the removal of asbestos, and representatives from D.E.Q.'s Air Quality and Disposal Division and Accident Prevention Division discuss the complex requirements and issues which concern all of you in the Construction Industry.

Tabletop Display

Our program this month will be on removal of hazardous materials. Any member of CSI interested in displaying products associated with the above topic can contact Gary Zagelow at 655-7166.

Asbestos Removal
Application, Removal and Disposal

The Miracle fiber of the fifties, sixties and even early seventies has become the health hazard of the eighties. Of course asbestos was used well before the fifties but its use spread rapidly when introduced into the post World War II building boom. Due to its insulating properties, asbestos was used for soundproofing, fireproofing, and even reinforcing in cement and roofing products.

Asbestos is a hazardous air contaminant which can lead to serious health problems. Because of this, any spray-on material used to insulate or fireproof buildings, structure, pipes, and conduits must contain less than one percent asbestos on a dry weight basis, according to the latest rules issued by the Oregon Department of Environmental Quality (D.E.Q.). This is all well and good for control of new products, but what about all that existing asbestos laying more or less dormant in so many buildings and structures constructed since World War II?

The D.E.Q. Rules cover renovation and demolition of materials containing asbestos. Copies of these rules were sent to licensed architects, school superintendents, and others who might be involved in renovation or demolition of existing structures. There may be many specifications writers who were not included in the D.E.Q. mailings and, I feel, everyone who may be involved in any way with the removal and disposal of asbestos-containing products should be made aware of these rules.

Any building you renovate may contain asbestos products in one form or another. Structures that may contain asbestos include boilers, ducts, pipes, furnaces, walls, ceilings, and fireproofing on structural steel items. If you need a structure tested to find out whether or not it contains asbestos, D.E.Q. suggests you:

1. Contact the Accident Prevention Division of Oregon's Workers' Compensation Department,
2. Locate a private consultant listed in the yellow pages under "safety consultants," or,
3. Contact your insurance carrier, which may provide asbestos detection services.

Continued on Page 2
President's Corner
Continued from Page 1

Which person becomes the "better" specifications writer or "better" anything else? Does the "modern" child have the advantage? Or does the person who grew up in the 30's or 40's make the better specifications writer? Does or did the inventiveness of this age group carry over to adulthood and into a person's professional life?

What are the benefits (if any) for a person to be exposed to "make-believe" and "fantasy" at an early age? Quoting Albert Einstein who said: "When I examined myself, and my method of thought, I came to the conclusion that the gift of fantasy had meant more to me than my talent for absorbing positive knowledge."

Are Specification Writers born...or made?

Dear Dick

I also have a dream, that "Spec" writers say "cheaper" instead of "or equal" - because that's what they end up getting!

Gene Silvey, Master Builders

Mystery Guest

An out-of-town visitor to our October Chapter Meeting was Alvin Whatley, President of WHATCO - a roofing application company (not to be confused with the wood finish).

Alvin said he had been a (A) Llama rancher but had just sold his herd for $6000.00 (a single Llama that had cost $2500). It was either sell at a loss or kill the sketchy!!!

Mr. Whatley still has a herd - 26 goats. The famous GONE WITH THE WINDMILL, Rhett Butler is the sire, and Scarlett? Well that is part of the mystery. Ed.

1984 Products Fair

A theme for the 10th Annual Portland Chapter Products Fair has been chosen - Power Through Knowledge

This positive concept will help blend the two-day event of exhibits, seminars and joint CSI/AIA dinner meeting.

Fair dates are April 17 and 18, 1984 at the Red Lion Lloyd Center, Portland. Exhibit fees are now being determined by the Products Fair Committee. Invitations to the exhibitors are expected to be mailed in early December. A discount is expected to be given to CSI Members and to those who register early.

John Madrosen Chairman

Asbestos Removal
Continued from Page 1

D.E.Q. must be notified before any structure containing asbestos is renovated or demolished, or any asbestos is sprayed in Oregon. Section 465(4) of the rules describes the notification procedures and the steps to follow in handling asbestos. These rules are designed to keep asbestos out of the air and out of people's lungs.

In addition to following D.E.Q. rules, you must follow worker safety rules enforced by the Accident Prevention Division (A.P.D.).

Worker's health must be protected. Asbestos must be wetted during stages of demolition and handling to keep it from becoming airborne. Asbestos-containing material cannot be thrown or dropped from buildings or structures.

When removing asbestos, the contractor must:
1. Monitor the environment for asbestos.
2. Provide special work clothing and respirator equipment.
3. Post warning signs.

When disposing of asbestos, both D.E.Q. and A.P.D. require it to be placed in leakproof containers (i.e., plastic bags at least 6 mil thick), labeled with a warning notice, and disposing of it at an authorized site or landfill.

Contact D.E.Q. or A.P.D. for information, assistance and copies of their rules and requirements.

Call toll-free in Oregon, 1-800-452-7813 and ask for either D.E.Q. or A.P.D.

Andrew B. Olson, CSI, CCS

AIA - AGC - CSI

Meeting was held Tuesday, October 4, at the AGC Building in Wilsonville. Eleven members were in attendance. The construction closeout procedures were reviewed and some revisions made prior to final printing. It was a very lively meeting with lots of input from all members.

Our next meeting is scheduled at noon, Tuesday, December 6. The topic of discussion will be contractors' liability insurance and how it relates to General Conditions. We will discuss mediation and change order procedures at future meetings.

If you have any comments or input for any of the meetings, Contact Ken Searl at 223-1181.

October

MINUTES OF CSI BOARD MEETING
OCTOBER 11, 1983

Meeting called to order 12:15 by Pres. Richard Gira.


Minutes of last Board meeting were approved as read. Gira passed out copies of Treasurer's Quarterly Report. However, since Treasurer, Ed Charles, was not present, discussion about this report was tabled until next Board meeting.

Reports followed from various committee; i.e., Arnold is prepared to present a special award at the 10/11 meeting. O'Brien and Latham generated much discussion about meetings in general and especially the December party...where to be held, when, etc. CSI will now meet at the Thunderbird at the Cowgirl Museum (except for Dec.) Gira was disturbed that from a membership of 230 individuals, only 44 were expected for the evening meeting (10/11). Obert was leaned on by Largent to initiate a telephone reminder system whereby all members are called every month to urge attendance at the CSI meetings. In turn, Latham would continue to evaluate response to programs and at Largent's urging, provide more program details for insertion in The Predator and thus create more enthusiasm!! December meeting (party) will prove to be a show stopper (editorial opinion by Secretary). Largent is asking that O'Brien keep a count of attendance at all CSI meetings, not only to assist Sherman in a study she is preparing, but also as a matter of record.

"Products Fair Madrosen" announced the theme for the fair to be "Power through Knowledge". Plan is to have 93 paid booths and 12 complementary booths for various associations, who in exchange would provide publicity and possibly present a one-hour seminar each. Madrosen is preparing a pricing schedule for the booths, which should be enticing especially to "Early-Bird" CSI'ers. Joint AIA-CSI meeting still planned, and the speaker is still unknown.

New Business: Gira agreed to help Sampler and others get the files in order in the CSI storage...or that is, office space at Builder's Exchange.

Meeting adjourned at 1:15 p.m. Respectfully submitted, I. Vrla, Sec'y

ALL CHAPTER MEETINGS WILL BE ON TAPE THIS YEAR AND STORED IN THE CSI LIBRARY (OFFICE) FOR ANYONE WHO MISSED THE MEETING.
**November 1983**

**The Predicator**

**Page 3**

**BS by KS**

**Basic Specs by Ken Searl**

One thing that we all should be on our constant guard is too many words in our specifications. Mr. Edwin Newman, the keynote speaker at the annual CSI convention, said that *bloated language* is becoming typical of most American English, where enough is almost never enough. We invent new words when existing words would suffice and we embellish what could be stated very simply and succinctly. In the news we hear that someone was "strangled to death", that there was one "living survivor", that someone is a "self-confessed racist", or a "self-confessed murderer"—who else can confess for you? A hotel advertises a "free honeymoon for two", an executive writes that a "proposal has been affirmatively approved"!!!

Why does all this happen? Not only is this language pompous, dangerous but it stands in the way of understanding. Thus, the more difficult and complex you make your job or specs sound, the more prestige you feel you are likely to have, or so it would seem. *Bloated language* becomes "mumbo jumbo" yet it is apparently put forward with utter seriousness to intimidate and impress everyone with your great knowledge. In many cases the opposite occurs. It is much better to have a specification with very few words but words that clearly state what you wanted than to have a bloated language specification that probably won't get read and if it does the reader isn't sure of what is really specified.

Sometimes I have been accused of writing a lousy specification but have also been told they fully understand what I wanted. Now you know why I have never entered a specification award contest. Besides, Kilbourn takes care of the awards in this area. Nah!

Another item I want to discuss this month is notes on drawings. I firmly believe that brevity up to a certain point is in order for notes on drawings. A good share of notes now presently seen on drawings should be in the specifications. Notes or schedules include nailing schedules, door schedules and structural notes. Many structural engineers seem to strongly resist moving their notes from the drawings to the specifications. Some engineers have stated that the codes and ordinances say they have to be that way. Well in Oregon that is a bunch of hogwash. We do work all over the state and have never been ordered to take our structural notes and place them on the drawings. Drawings that aren't notes to death are much easier to read than drawings completely overloaded with notes. In fact some drawings have notes that do not belong in either the specifications or the drawings. Again, bloated language.

One last item one must watch out for is specification sections prepared by consultants with a lot of duplication of the front end documents. I've always wondered the reason for this and as near as I can determine either the consultant loves lots of bloated words or is trying to build an empire or is afraid if it isn't said within their specifications it won't get any attention or they make lots of words to try to obtain protection for their back side. If any of you out there know the answer let me know.

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**Northwest Region**

**Cook Inlet (Anchorage, AK)**

P - Jerry E. Wackins, Architect

1726 Eagle River Road

907 - 561-1148

M - 3rd Tuesday of the Month

6:30 p.m. Anchorage International Inn

**Idaho (Boise, ID)**

P - Doyle V. Allen

2701 Hillway Drive

208 - 334-3454

M - 1st Tuesday of the Month

6:00 p.m. Old World Catering

**Portland (Oregon)**

P - Richard Glara

Portland, OR 97201

503 - 224-8226

M - 2nd Tuesday of the Month

location varies

**Puget Sound (Seattle, WA)**

P - Ernest A. Moore, Jr., GCS

Port of Seattle

P. O. Box 1209

Seattle, WA 98111

206 - 382-3132

M - 2nd Thursday of the Month

5:30 p.m., The Canal Rest.

**Spokane (Washington)**

P - Jeffrey E. Jeffers

12603 E. 20th

Spokane, WA 99216

509 - 838-8240

M - 2nd Thursday of the Month

6:00 p.m., Rocking Horse

**Willamette Valley (Eugene, OR)**

P - Gary B. Bartel

450 Shelley Street

Springfield, OR 97477

503 - 747-6556

M - Last Thursday of the Month

Bev's Steak House

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**REGION ACTIVITIES**

**Region Conferences**

Each of the 10 institute regions conducts an annual conference with speakers, roundtable discussions, seminars and workshops. Programs cover selected technical subjects and institute, region and chapter affairs. Institute officers and staff participate in addition, region conferences include social events and special sponsor programs.

The two institute directors in each region conduct annual administrative conferences with chapter officers to review institute, region and chapter affairs and to provide a forum for the exchange of ideas on the complete range of administrative subjects as they affect and involve chapter officials.
CSI Trivia

Chapter Dues: 40 Chapters charge $25.00 dues, 38 charge $20.00 (Including Portland), 17 charge $15.00, 6 charge $30.00, 3 charge $35.00, 2 charge $40.00, one each charges $2.00, $10.00, $12.00, $14.00, $16.00, $18.00, $65.00, $30.00 and $60.00.

Six Chapters dues include meals ranging from $70.00 in Salt Lake to $110.00 at/on Pike Peak - The top amount.

Oregon CSI members without Chapter affiliation:

Professional
John S. Burlingham
Ronald L. Jensen
James Kaip

Industry
Jim Brown
John W. Maddox
Stan Mortensen
Bryan L. Payne
Michael L. Rouse
Tom Shea
Ken Smeler

Student
David J. Schrom
Luis Calo Sierra
Phillip L. Wissnant

Portland Chapter Certified Construction Specifiers

John C. Crook
Richard C. Ehmann, FCSI
Lee F. Kilbourn, FCSI
Robert MacDonald
Ivan McCormick
Rodney Mooreman
Stanley Nelson
Andrew B. Olso
James T. Potter
Candace L. Robertson
Kenneth L. Searl
James A. Wright

CSI History

HISTORY OF OUR PRODUCTS FAIR

When Ken Searl was our Chapter President in 1975, he kept reading reports from chapters that sponsored product fairs. The San Francisco CSI Chapter reported a net profit of over $5000 and other chapters seemed to be making money. Well old Ken asked the Chapter's Board of Directors for permission to start a products fair in Portland and they agreed. So we went ahead. About this same time, Larry Arnold was elected to the Board and asked Ken what he could do to help and the reply was nothing at the moment, but if something came up he would be contacted. Well when permission to go ahead with the Products Fair was given, Larry was contacted and appointed to head up the Products Fair committee. That will teach him to volunteer. Ha! The other two committee members were Tom Shea and Keith Schaber. Oh yes, even today Larry still speaks with Ken. Well as you know the first Products Fair held at Thunderbird Jantzen Beach was a success under the direction of these three chapter members. Little did they know what they had started. We had 33 booths that first year. In fact they did such a good job we talked them into doing it again. One of those first two years artisans such as woodworkers, stained glass and other craftsmen were in attendance.

Dennis Oertle headed up the third Products Fair, also held at Thunderbird Jantzen, and 42 booths were filled.

In 1978 Don Eggleston was our chairman. It was felt booth attendance could be increased by moving to the Sheraton, and 68 booths were filled. Don also was chairman in 1979, our fifth year, and we moved to the Memorial Coliseum. Stan Nelson was the single leader of our committee in 1980, and the Products Fair was held at the Coliseum. In 1981 Cristal Arnold was our committee head and we went international. Several Canadian manufacturers had booths, and this fair was also held at the Coliseum.

In 1982 Bred Biggs was in charge, and in 1983 Les Seeley was our ramrod. These last fairs had good attendance over 100 booths. Our tenth Product Fair is coming up in April 1984 and will be at the Red Lion in the Lloyd Center.

 Awareness Program

AWARDS

Institute Awards
Recognizes the talents, achievements and notable contributions to CSI and the construction industry of individuals, chapters, firms and organizations. Presentation of awards is made during the Annual Convention in June.

Specifications Competition
Each year, CSI holds a specification competition to promote the Institute objective of improving specifications practices. The judging committee selects project specifications in 15 categories. Competition criteria are announced annually in CSI publications. Awards are presented during the CSI Convention in June.

FCS1 Designation
Fellow of The Construction Specifications Institute is a designation conferred on those who have been members for at least five years, who have been nominated by their peers and selected by the Jury of Fellows. Newly designated Fellows are formally invested at the Annual Convention.
Chapter Meeting

WISH NIGHT

Dennet Latham, Program Chairman, began the meeting by having the panel of experts tell the audience their three wishes for the construction industry.

Dale Stewart of the Harver Company (Sub-contractor) started. He wished for less conflict between the boiler plate and the technical sections, that there would be more performance specifications, a shorter prior approval time, and a clarification of the word “system”.

John Biglin, of Emerick Construction (General Contractor) was next. He began by criticizing the “alphabet” soup that begins many specification sections. Most General Contractors don’t have all the references the Specifications Writers quote. He then listed his wishes that if architects want something they should write it in the specification, that they not put things in the specification if they don’t need them and that suppliers and factory representatives should keep up-to-date on products that have been discontinued.

Jim Griffith, of the City of Portland Bureau of Buildings (Public Agency) was next with dreams more than wishes. He wanted everybody to have The Uniform Building Code, and read it. Jobs should have one responsible person who will correlate design architecture and engineering, and that plans be approved by the City before they are sent out to bid.

Fred Gast, Jr. of SRC Partnership, P.C. (Architect) responded to one of the earlier panelist by wishing that people would use the Portland Chapter CSI Substitution Request Forms. He then raised more of a question than wish with regard to schedules - do they belong on the drawings or in the project manual?

Fred Gast wished the general contractor would screen the sub contractors better.

Dennet Latham wished that information could be gotten to CSI members that don’t attend meetings, and also that Jim Griffith would have someone at the Portland Building Bureau become a CSI member.

Jim Griffith wished that architects would submit to them the plans of the building they intend to construct.

John Watson wished that subcontractors be pre-qualified.

Architects include color schedules in their bidding documents; that Specifiers list number their specifications for easy retrieval of information; that Manufacturer’s Representatives tell specifiers when they make a mistake in specifying their products; and that all present read The Predator for October because Dick Gira’s column was good.

John Watson of Kaiser-Permanente (Owner) concluded the panel’s presentation by wishing for coordination among Mechanical, Electrical, Structural and Architectural drawings especially regarding HVAC work and elevators.

The meeting was then opened for wishes from the audience:

Les Seely wished for a quick selection of color and that there wouldn’t be shopping for lower priced products up until the time of installation.

Inga Vrla wished that people would specify a commodity by generic name.

Jane Sampier wished that people would call the Plan Center to find out how many projects are bidding on the same day so that they wouldn’t get swamped and contractors could do a better job of preparing each bid.

Jim Griffith wished that the State would disseminate information on Code changes better.

Dale Stewart wished that specifiers wouldn’t use the words “or approved” at all.

Jim Hite wished the owner would give the architect more money and time so that the project would be prepared with good coordination.

Cristal Arnold wished that CPDC, AIA and CSI would have more people attend their continuing education programs.

Jolie Stricklin wished that electrical engineers and electrical contractors would realize that low voltage systems are different from high voltage systems.

Fred Gast wished the general contractor would screen the sub contractors better.

Dennet Latham wished that information could be gotten to CSI members that don’t attend meetings, and also that Jim Griffith would have someone at the Portland Building Bureau become a CSI member.

Jim Griffith wished that architects would submit to them the plans of the building they intend to construct.

John Watson wished that subcontractors be pre-qualified.
To the Editor

ICBO Writes The Editor

Dear Sir:

In response to the opinions expressed by Ken Searl (BS by KS) in the September, 1983 issue of your publication, we offer the following comments:

1. Materials and methods of construction, specified in the Uniform Building Code and related documents are based on generic "non-proprietary" systems. Single-ply roofing systems are, to our knowledge, all proprietary systems.

2. Materials alternate to those specified in the Uniform Building Code are accepted by building officials under Section 105 of the code, upon submission of justifying data. To assist the building official in evaluating a product with the code requirements, the ICBO maintains a research service. As can be noted from the enclosed copy of our Building Standards Part II Listing Index, several single-ply systems are currently recognized by our organization. A manufacturer may also obtain recognition of his product or system through the National Research Board, if the product is marketed nationally. ICBO is currently the secretariat for the National Research Board. Details concerning the National Research Board service are enclosed.

3. We are not aware of any single-ply roofing system that can be applied directly over existing roof-covering materials and still comply with the listing requirements as far as fire retardancy, weather barrier and wind uplift requirements are concerned. Qualifying tests conducted on single-ply systems do not normally address reroofing applications.

4. As far as the effect of entrapped moisture on roofing is concerned, we feel that this is a complex matter that would require a detailed analysis of each structure by qualified individuals prior to reaching a decision on whether or not reroofing should be permitted over the existing structure. It would be very difficult, if not impossible, to safely predict what effect entrapped moisture in a building component may have on the overall performance of the structure.

5. The Uniform Building Code has maintained its preeminent position in the field of building codes solely because it is a performance-oriented document designed to encourage the development of new building products and innovative building systems. If Mr. Searl can generate sufficient independent documentation, justifying inclusion of single-ply roofing systems in the building code (on a generic basis), then perhaps he should file for a code change. We are enclosing the necessary code change submittal forms for Mr. Searl's use.

Hopefully the above comments would help Mr. Searl and your readership understand the purpose and scope of the Uniform Building Code.

If any further amplification is desired on the above points, we would be most happy to respond.

Yours very truly,

Donald R. Watson, P.E.
Technical Director, ICBO
5360 S. Workman Mill Rd.
Whittier, CA 90601

Editor's Rebuttal:

What do you mean "Dear Sir", Sir?

Margie Largent,
Editor

From the Editor

The Board of Directors thanks you for your past support of the Portland Chapter CSI publication, The Predicator. You have been a loyal advertiser and we want to continue to keep your product and name visible; however, this year we are not using the card ads, but we ask your support in a one-time full page ad inserted into The Predicator issue of your choice.

The one-time insert would cost you $100, and as you perhaps already know, we have a mailing list of approximately 800 - over 50% of whom are professional members of CSI or are eligible to join as professional members.

Someone will be calling to see if you do wish to advertise in this manner, but your call would be appreciated and expedient.

Thank you and keep reading The Predicator.

Your Editor,

Margie Largent
636-6977

Coming Attractions

Dec. - Christmas party - surprise program
Jan. - Producer's Council (CPMC)
Feb. - Architect's Mistakes
Mar. - Response to Wish Night
Apr. - CSI Products Fair - AIA/CSI Joint Meeting
May - Bid Night (Contractors)
June - Fun Night

the predicator
1125 S.E. Madison, #200
Portland, OR 97214

Address Correction Requested
President's Corner
by Dick Gira

GUIDE SPECIFICATIONS FOR "Building a Christmas"

Part 1 GENERAL

1.1 Building a Christmas

1.2 The reader shall provide all equipment and effort necessary as described herein for completed work.

1.3 Details of workmanship not specified herein shall conform to the practice of human kindness.

1.4 Aesthetic Requirements: The experience of beauty and love externally and internally.

1.5 Structural Requirements: A time to look at our own human qualities.
   A. An openness to giving and receiving,
   B. A desire for sharing,
      1. Love and understanding
      2. Companionship
      3. Talents
      4. Time

1.6 Thermal Requirements: The warmth of human concern.

1.6 Acoustic Requirements: The music of the human heart which helps us celebrate joy.

Part 2 PRODUCTS

2.1 Family, friends and associates.

2.2 An appreciation of our fellow man.

2.3 Good thoughts and deeds shall be manifested throughout the year and forever.

December Chapter Meeting

CSI CHAPTER CHRISTMAS PARTY!!

DATE: Thursday, Dec 1, 1983
PLACE: MULTNOMAH ATHLETIC CLUB
SOCIAL: 5:30 P.M.
DINNER: 7:00 P.M.
COST: $12.00 per person
R.S.V.P. To CSI Office - 238-1462 NO LATER THAN 5:00 P.M. MONDAY, NOVEMBER 28, 1983
PROGRAM: Mr. Ed Carpenter, Architectural Glass Artist

ED CARPENTER of Portland, Oregon, is a glass artist who designs windows for public spaces throughout the country. His recent projects include the Portland Justice Center and the Eugene Performing Arts Center in Oregon, a community center in California, and a church in Texas. Mr. Carpenter studied architectural glass design in England (1973) and in Germany (1975) under a grant from the Graham Foundation for Advanced Study in the Fine Arts. He has lectured on glass in New Zealand as a guest of the New Zealand Glass Artists Society, and has authored articles for Smithsonian, Crafts, Glass, and Glass Art. From 1975-1980 Carpenter was a board member and chaired the Building Committee of the Oregon School of Arts and Crafts. Currently he serves on the board of the American Crafts Council. When the rain lets up in Oregon he's usually backpacking, bicycling, or canoeing. Otherwise he's baking (or dreaming about) chocolate eclairs.

Many of Carpenter's designs are executed by Tim O'Neill, master glass craftsman from Troutdale, Oregon.

Ed will show slides of his most recent work and discuss his design approach to his art.

Bring a spouse or friend and come for a lovely evening of conversation, great food, and breathtaking artwork.

December 1983, by Janet Styner

Awards 1982-83, by Janet Styner

While floating down the Willamette River last June, the Portland Chapter of CSI did present Chapter Awards to a few of the members. (My apologies for being so tardy in reporting this momentous occasion).

To Jim Davidson, Ivan McCormick, Bill Merritt, Bob Strickler and Bruce Townend, the Chapter CERTIFICATE OF APPRECIATION, for the devotion of time and energy as a member of the 1982-1983 Board of Directors.

CHAPTER PRESIDENT'S CERTIFICATES were presented to:

Dick Ehmann, for his contribution of time and "blood" to the planning of the Region '83 Conference;

Dick Gira, for his contributions to all levels of C.S.I. Education;

Hunt Jones, for his tireless devotion and commitment to The Portland Chapter CSI; and

Don Walton, also for his contribution to the planning of the Region '83 Conference.

The CHAPTER EDUCATION AWARD was presented to Stan Carper for the development of a successful Chapter Education Program.

Les Seeley was honored with the CHAPTER PAST-PRESIDENT'S AWARD, for his years of unselfish service to The Portland Chapter and the Construction Industry as a whole.

Janet Styner was presented an award for her efforts with The Portland Chapter over the past year.

And last, but certainly not least, Perky Kilbourn was presented with a SPECIAL CERTIFICATE OF APPRECIATION for her good natured manner in accepting any assignment requested of her, in any possible environment and with sometimes unreasonable time constraints. (AMEN, Perky!!)

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Chapter Meeting

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R.S.V.P. To CSI Office - 238-1462 NO LATER THAN 5:00 P.M. MONDAY, NOVEMBER 28, 1983
PROGRAM: Mr. Ed Carpenter, Architectural Glass Artist

ED CARPENTER of Portland, Oregon, is a glass artist who designs windows for public spaces throughout the country. His recent projects include the Portland Justice Center and the Eugene Performing Arts Center in Oregon, a community center in California, and a church in Texas. Mr. Carpenter studied architectural glass design in England (1973) and in Germany (1975) under a grant from the Graham Foundation for Advanced Study in the Fine Arts. He has lectured on glass in New Zealand as a guest of the New Zealand Glass Artists Society, and has authored articles for Smithsonian, Crafts, Glass, and Glass Art. From 1975-1980 Carpenter was a board member and chaired the Building Committee of the Oregon School of Arts and Crafts. Currently he serves on the board of the American Crafts Council. When the rain lets up in Oregon he's usually backpacking, bicycling, or canoeing. Otherwise he's baking (or dreaming about) chocolate eclairs.

Many of Carpenter's designs are executed by Tim O'Neill, master glass craftsman from Troutdale, Oregon.

Ed will show slides of his most recent work and discuss his design approach to his art.

Bring a spouse or friend and come for a lovely evening of conversation, great food, and breathtaking artwork.

December 1983, by Janet Styner

Awards 1982-83, by Janet Styner

While floating down the Willamette River last June, the Portland Chapter of CSI did present Chapter Awards to a few of the members. (My apologies for being so tardy in reporting this momentous occasion).

To Jim Davidson, Ivan McCormick, Bill Merritt, Bob Strickler and Bruce Townend, the Chapter CERTIFICATE OF APPRECIATION, for the devotion of time and energy as a member of the 1982-1983 Board of Directors.

CHAPTER PRESIDENT'S CERTIFICATES were presented to:

Dick Ehmann, for his contribution of time and "blood" to the planning of the Region '83 Conference;

Dick Gira, for his contributions to all levels of C.S.I. Education;

Hunt Jones, for his tireless devotion and commitment to The Portland Chapter CSI; and

Don Walton, also for his contribution to the planning of the Region '83 Conference.

The CHAPTER EDUCATION AWARD was presented to Stan Carper for the development of a successful Chapter Education Program.

Les Seeley was honored with the CHAPTER PAST-PRESIDENT'S AWARD, for his years of unselfish service to The Portland Chapter and the Construction Industry as a whole.

Janet Styner was presented an award for her efforts with The Portland Chapter over the past year.

And last, but certainly not least, Perky Kilbourn was presented with a SPECIAL CERTIFICATE OF APPRECIATION for her good natured manner in accepting any assignment requested of her, in any possible environment and with sometimes unreasonable time constraints. (AMEN, Perky!!)

Coming Attractions

Jan. - Producer's Council (CPMC)
Feb. - Architect's Mistakes
Mar. - Response to Wish Night
Apr. - CSI Products Fair - AIA/CSI Joint Meeting
May - Bid Night (Contractors)
June - Fun Night

Chapter Meeting

DATE: Thursday, Dec 1, 1983
PLACE: MULTNOMAH ATHLETIC CLUB
SOCIAL: 5:30 P.M.
DINNER: 7:00 P.M.
R.S.V.P. To CSI Office - 238-1462 NO LATER THAN 5:00 P.M. MONDAY, NOVEMBER 28, 1983
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June - Fun Night
President's Corner (Continued from Page 1)

Part 3 EXECUTION
3.1 Be accessible to the needs of others.
3.2 Create warm feelings to those about you.
3.3 Inspect yourself periodically.
   A. Allow yourself to ask questions.
   1. Learn new things.
   2. Learn different things.
   3. Observe other points of view.
3.4 Prepare togetherness by involving others.
   A. Office staff.
   B. Business associates.
   C. Family.
3.5 Promote feelings of friendliness and love.
   A. Smile.
   B. Cheerful.
   C. Cooperate.
   D. Enthusiastic.
3.6 Adjust and clean inner-self.
   A. Polish your thoughts.
   B. Expand your goals.

(DISCLAIMER)
This guide specification is intended as a basis for development of a master specification. The opinions and recommendations in these specifications are intended to foster good will. Merry Christmas to all.

Note: This specification was written and composed in conjunction with Charles B. Brown, Pastor of St. Andrews Presbyterian Church, Portland, Oregon.

Mystery Guest

An out-of-town Visitor to our November Meeting was Diana M. Hamilton, CSI, Director of Specifications for Kaplan, McLaughlin, Diaz, Architects, San Francisco (Branch Office in Portland) Diana, an architect, is also a Director (Professional) of the West Region and an instructor and speaker with emphasis on specifications writing and construction documents. Please visit us again Diana and we hope to see you at the Tri-Region Conference in Monterey in September, 1983. (Monterey is "South" of the Oregon Border. See map, page 3.)

Board of Directors Minutes

Present: Akerson, Barker, Carpenter, Charles, Gita, Hite, Kilbourn, Largent, Latham, Madrosen, Obert, Ross, Sherman, Vrla.

Minutes of previous meeting approved as read.

Committee reports:

Awards: Gita stressed importance of providing with names of people we feel are deserving of an award, be they local, regional or national.

Education: Carpenter discussed seminar for Feb., "Spec Writing Language" by Paul Edlan, PCSI, and a forum in March on "Ivan Laws".

Membership: Kilbourn distributed a new Institute printout of chapter members. Discussion of proposal by the Spokane CSI group to include our Membership Roster in a Region publication (at no charge to us). Agreed. Kilbourn is preparing packets for prospective members as handouts at the meetings, as well as for our use in garnering new members. We need four new members a month to remain at our present level of membership. Discussion of the need for preparing a new and updated local chapter directory.

Products Fair: Brochure to be ready in about a month, according to Madrosen. Discussion continued about the search for a speaker for the joint meeting...someone significant in our industry, preferably a nationally known architect, or maybe a "tuturist" or an architectural critic.

Publications: Largent received an "Informal award" for a GREAT LAST MONTH'S EDITION! Largent also discussed a letter received from a member about the fee for ad insert in The Predator which the writer felt was not cost effective. Wait and see - till next year - was the general response.

Technical Documents: New Chairman is Obert.

Publicity: Joe Woods at 232-4000 is responsible for the articles which appeared in the Sunday (11-6) The Oregonian, as well as the Daily Journal of Commerce about our Tuesday meeting on asbestos. These items resulted in a VERY LARGE attendance at the meeting, over 70 people.

Meeting adjourned at 1:15 p.m.

Respectfully submitted:
1. Vrla, Secretary

BOARD OF DIRECTORS
MEETING AT NOON
TUES. DEC. 13, 1983
CSI OFFICE
1125 S. E. MADISON

The Predicator

December, 1983

BS by KS
Basic Species by Ken Searl

In the October 1983 issue of The Construction Specifier magazine, there is an article on Page 13 entitled "Legal Quo" discussing the role of women in federal construction contracts. Two clauses have been included in federal prime contracts which state utilization of women-owned businesses (Concerns over $10,000). Clause (B) states the contractor "agrees to use his best efforts to carry out this policy in the award of sub-contracts to the fullest performance of this contract."

The government is trying to help women-owned businesses (any business concern means a business that is at least 51% owned by a woman or women who also control and operate it.)

I guess only women can have sub-contracting firms. Evidently the federal boys do not recognize a contractor could be other than a man hence the word "his" as used in Clause (B).

For many years now I have taken the words "he" and "his" out of our contract documents, and usually when I write a letter I do not begin with a salutation, especially not "Dear Sir". How do I know the letter is intended for a male or a female? Our fearless Editor once received a letter addressed to Margie Largent that began "Dear Sir!". Good Grief! Can’t this world ever call a spade a spade? Why do they have to call it a shovel? I know it’s going to be difficult, but we should all try. Once you label something with a name, it is darn hard to change it. For example, many people and some that should know better call concrete "cement", so you can see the problem we have in acknowledging that there just could be a woman at the head of an organization and in full control. By now you may be asking just what does all this have to do with specifications. Well, as you know when I was asked to write BS BY KS Column, I was told I could write what I wanted to so long as it was fit to print. So there!

How many of you read the letter in the November issue of The Predator from the ICOBO Technical Director regarding my BS BY KS discussion of why doesn’t ICOBO and the BOC codes recognize the new single-ply roofing in the latest code book? A statement was made in regard to single-ply systems being proprietary systems. This is not quite accurate. I guess the main problem is there are many generic systems within the single-ply systems, but generally they can be classified as

Continued on Page 4
I just finished listening to an knowledgeable group as you could probably find who are concerned about getting finish flooring to stick to the floor structure. This sounds like a silly thing to become such a problem. What else should floor covering do if not stick to the floor? It appears that it is not an easy matter to come up with a procedure to accomplish this apparently simple task that would make each of the trades involved happy with their lot in life. The very fact that there are multiple trades involved is a good part of the problem.

We have often read and heard it said that we work in the "Building Industry", when, in fact, there is no such thing. What we continue to have is a bunch of individual trades working for their own best self interest with not nearly enough thought given to the other trades. General contractors and architects attempt to fill in the sizable gaps between all of these trades with words that are seldom read until there is a problem and then each word is probed to make someone else responsible.

The speakers at the symposium on Moisture in Floors spoke of many things, but the one overpowering background theme that was never actually stated appeared to be that the last person who could do it right, the great American workman, doesn't seem to care. Everything that was mentioned as a possible reason for failure was a standard construction operation that should only be done one way and that is the right way. Instead we heard of vapor barriers being punched by stakes, feet, shovels, etc.; barriers not having the joints sealed; barrier penetrations not sealed; reinforcing mesh improperly located; barriers not being turned up to the top of the slab at the perimeters; and no heat or light in the building when required. Nearly all of these things are done right or wrong by the last person who touches the building materials. If he has no pride in his work or just doesn't care, then what are we trying to attain?

To eliminate the feeling that I am picking on the floor covering trades, there is a long list of similar failings elsewhere in the "building industry". For example, there is the mason who is so careless in his method that he installs a concrete block with the greatest concave surface immediately adjacent to the block with the greatest protrusion instead of parceling out the units with maximum tolerances for a more pleasing effect. He installs chipped or broken units. He does not clean and true up joints as laying proceeds. Reinforcing, expansion joints, inserts, etc., are not installed to dimensions needed by other trades that follow.

There is the painter who waters down the materials, omits coats, sprays when roller or brush is the proper application method, who will paint over an obvious spackle blob instead of fixing it or having it fixed, who doesn't protect adjacent surfaces, etc.

There are roofers who slobber asphalt down a painted wall, who won't cover roof drains to keep debris out, and on and on.

Northwest Region

1. Cook Inlet (Anchorage, AK)
   3rd Tuesday of the Month
   6:30 p.m., Anchorage
   International Inn

2. Idaho (Boise, ID)
   1st Tuesday of the Month
   6:00 p.m., Old World Catering

3. Portland (Oregon)
   2nd Tuesday of the Month
   Location varies

4. Puget Sound (Seattle, WA)
   2nd Thursday of the Month
   5:30 p.m., The Canal Rest.

5. Spokane (Washington)
   2nd Thursday of the Month
   6:00 p.m., Rocking Horse

6. Willamette Valley (Eugene, OR)
   Last Thursday of the Month
   Bv's Steak House

7. Victoria, B.C.
   1984 Tri-Region Conference

The Oregon Section of the American Society of Civil Engineers is sponsoring a 5 day seminar on "Cold Region Engineering". The course will be presented January 12 thru 16, 1984 and will be taught by Dr. Zarling and his staff from the University of Alaska. Successful completion of this course and final exam meet the requirements for professional engineers and architects to receive reciprocity with the State of Alaska.

Enrollment will be limited to 40 participants.

Cost: $690.00 per person

Contacts: Don Ruff
503 - 224-9190

Jory Abrams
503 - 224-9190

Location: Red Lion Inn
at Lloyd Center
1000 N. E. Multnomah
Portland, Oregon
503 - 281-6111

DALLAS in '84

JUNE 16-18

CSI CONVENTION

PLAN ON IT!
BS by KS
Continued from Page 2

EPDM, PVC, FIB, Modified Bitumen, etc., so I fail to see why the UBC cannot define proprietary systems generically. It will require a bit of arranging, but I'm sure it can be done. Apparently I have opened up a Pandora's box when I wrote about single-ply and other systems, but I strongly feel it is the best time to acknowledge and formulate codes for the usage of these systems. For your information, the local chapter of the National Roofing Contractors Association has appointed a committee to request a code change covering new roofing systems with the Oregon State Dept. of Commerce. I also intend to file a request for a code change. I am gratified to see we are now getting some action on this subject.

PS to BS by KS

Dick Gira's column for November asked a question: "Are specification writers born - or made?" Well, I come under the latter. One time I complained about the specifications so now I am a spec writer. As my old Navy buddy used to say, "never volunteer or complain or you will find yourself in hot water."

New Handbooks/ Manuals/Standards

ASTM RELEASES BOOK ON SINGLE-PLY ROOFING TECHNOLOGY

A special technical publication on Single-Ply Roofing Technology (STP-790), now available from ASTM, reflects the rapidly rising interest in sheet-applied elastomeric and plastomeric roofing materials.

ASTM is a nonprofit organization based in Philadelphia with over 30,000 members responsible for the development of nearly 7,000 voluntary consensus standards used by industries and consumers worldwide.

120 pages, $9

NEW ROOFING MANUAL

The Roofing Industry Educational Institute has announced the availability of their new manual entitled "DICK FRICKLASS SPEAKS!" The manual is divided into ten sections. These include such subjects as:

- Roof Surveys
- Flashing & Roof Details
- Specifications
- Fire & Wind
- Moisture & Condensation
- and many more

The papers and articles will be in a 3-ring binder, and each year additional articles and papers will be available at a nominal cost.

The complete price for the "DICK FRICKLASS SPEAKS!" manual is $25 and includes postage and handling fees. The manual can be ordered by mailing a check to:

Roofing Industry Educational Institute
6851 South Holly Circle
Englewood, Colorado 80112

STEEL FRAMING SYSTEMS DETAILED IN NEW GUIDE FROM U.S.G.

A comprehensive designer's and builders' guide to steel framing recently was published by United States Gypsum Company. The 64-page illustrated booklet offers technical information on the design and installation of steel framing in commercial, institutional, and single- and multi-family residential buildings.

For more information, contact United States Gypsum Company, 101 South Wacker Drive, Dept 122-22, Chicago, Illinois 60606.

NEW STANDARD FOR STRUCTURAL GLUED-LAMINATED TIMBER - ANSI/AITC A190.1-1983

By Russ Wibbens
Executive Vice-President
American Institute of Timber Construction

Since 1973, ICBO-approved quality control agencies for structural glued-laminated timber have based their quality control services upon applicable Uniform Building Code Standards. The American Institute of Timber Construction (AITC) is recognized as one such quality control agency in ICBO Research Report No. AA-509. AA-509 requires products to be manufactured in accordance with U.B.C. Standard No. 25-10, which is based upon Voluntary Product Standard PS 56-73, "Structural Glued Laminated Timber." Development of PS 56-73 was initiated by AITC with the cooperation of the National Bureau of Standards under the "Procedures for the Development of Voluntary Product Standards" of the U.S. Department of Commerce. AITC decided at that time to revise the PS 56 and submit it for approval under the procedures of the American National Standards Institute. The National Bureau of Standards agreed to extend the retention period for PS 56 until this change could be effected.


PS 56-73 will transfer its basis for quality control services from PS 56-73 to ANSI/AITC A190.1-1983, effective September 1, 1983. A request for a research report for A190.1 has been submitted to and is being considered by the National Research Board.

Principal differences between A190.1-1983 and PS 56-73 are in the areas of depth tolerances, grading marking of tension laminations, use of short lengths of lumber, moisture content, inserts, appearance grades, use of melamine urea adhesives, shear values for face-joint bonding, lumen temperature, end-joint thickness tolerances, end joints in core areas, spacing of end joints when proof loading is used, and sampling and daily testing of end joints. Details about these differences may be obtained from AITC headquarters.

New AITC Quality Inspected marks will be utilized after September 1, 1983, and will include reference to ANSI/AITC A190.1-1983 instead of PS 56. Building officials will be required to inspect to the provisions of A190.1 instead of PS 56, looking for the new Quality Inspected Marks after that date.

This story first appeared in the September-October, 1983 issue of Building Standards; published by TCBX.

(See Kilbourn got a copy of the new Standard by calling AITC on their 800 number.)
November Chapter Meeting
Dick Gira began the meeting by introducing Diana Hamilton, West Region Director, and Dave Thomas, Northwest Region Director. Dave Thomas discussed events at the last meeting of the CSI Institute Board.

1. Membership Classification: Student members must be enrolled in a full-time program related to the Construction Industry.

2. Certification of Industry members: still being contemplated.

3. CSI Convention: Dallas next June. Booth sales are ahead of last year.

4. Deficit at end of CSI's fiscal year: less than expected.

5. Tri-Region Conference is September 5 thru 8, 1985 at Monterey, California. Should be a vital exchange of information.

6. Northwest Region Conference April 26 to 28, 1984. Dave then showed pictures of what we will be seeing in Victoria, British Columbia.

Denny Latham then introduced the program on Removal of Hazardous materials, primarily asbestos. The two speakers were:

Margaret McCue, Information Representative for Air Quality Division of the Department of Environmental Quality, and Laura Barlow, Industrial Hygienist, and Assistant District Manager, Accident Prevention Division of Workers' Compensation Department.

Mike Lewis of Building Products Management was not able to attend.

Margaret McCue said she was usually involved with backyard burning and wood stove pollution.

Asbestos is a hazardous air pollutant which causes Asbestososis, a progressive lung disease and Mesothelioma, a specific type of cancer which affects the lining membrane of the lung surface (pleura) or a similar membrane lining some abdominal organs.

People are required to notify the Department of Environmental Quality (DEQ) if they are going to remodel a commercial building which may contain asbestos. DEQ's rules are designed to keep asbestos out of the air and out of people's lungs.

1. You must wet the material during all stages of demolition and handling.
2. Asbestos should not be dropped or thrown more than 50 feet; and if distance is greater than 50 feet, then you must use a dust-tight chute or container.
3. Workers must not allow visible emissions to escape into the air.
4. Once you receive permission to remove the asbestos, it must be dumped in a DEQ asbestos-acceptable landfill.
5. Laura Barlow then spoke and explained that the Occupational Safety and Health Act of 1972 provided that states could set up their own accident prevention departments. These departments would then monitor situations which might harmfully affect workers such as asbestos aerosols.

The Accident Prevention Division of the Workers' Compensation Department does several things:
1. Takes samples of materials and determines if they contain asbestos.
2. Takes air samples before and during demolition work to determine the asbestos in the general area and on the person doing the demolition work.
3. Checks to be sure all the rules and regulations are conformed to.
4. Requires that asbestos removal be done in a wet manner to prevent airborne asbestos.
5. Requires that employees be trained and are aware of the hazards of asbestos.
6. Requires that employees working with asbestos demolition have a medical exam including a chest x-ray and lung function test.
7. Requires that warning signs be posted in the area where demolition work is being done (do not enter unless wearing protective clothing).
8. Requires that sealed, impervious containers be used for asbestos removal.
9. Requires that surfaces be free of asbestos when work is finished.

If the Accident Prevention Division comes as a Consultant, then the employer agrees first to correct the deficiencies found by the Accident Prevention Division. If the inspection is by a Compliance Officer, then violations will be cited and a penalty given.

Current permissible exposure level to asbestos is two fibers of asbestos per ml of air. The ceiling standard is 10 fibers of asbestos per ml of air for 15 minute time samples. On November 4, 1983, the exposure was reduced to 0.5 fibers of asbestos per ml of air. Correction of situation can be done by Engineering changes (ventilation or air handling) or personal protection (protective masks and clothing) or work practices (wetting surfaces).

If you want more information, contact Department of Environmental Quality - 1-800-452-4011 or 229-6488; Accident Prevention Division for East Portland and West Counties - 239-8600; for West Portland and West Counties - 643-0100.

CSI Trivia
Certified Construction Specifiers

Certified Construction Specifiers need not belong to CSI to be certified by CSI. Am I not right?

Certification is renewable every three years. Certification exams will be given at three or more locations in 1984. Watch for details.

Should CCS's be CSI members in good standing in order to be CCS's?

Directory update due

Once again it's time for each member to review their listing in the Portland Chapter Annual Directory. Remember? It's the 40 page listing of members with their firm name, personal information if authorized, classifications according to the 16 Division CSI Masterformat, chapter bylaws, and a sheet for corrections.

The Directory has green covers with an addendum mailed to members last April.

The current edition was compiled in November 1982, and copies were mailed to members at that time. If you've joined since then, visit the Chapter office at 1125 S.E. Madison #200 and pick up a copy. If you're not a member, copies are available for a reasonable sum (but the membership committee thinks membership at $120 per year is preferable). The chapter will mail applications, but not rosters.

The goal of this effort is to provide Portland Chapter members a comprehensive, classified directory using categories from the 1983 edition of CSI's Masterformat.

We've tried to use "Broadscope" titles as much as possible, and these titles include several or all "Narrowscope" titles down to the next "Broadscope" title. When a Narrowscope title is preferred, we'll list only one under each Broadscope title.

Please mail your revisions to the Chapter Office by December 15, 1983 in order for the Committee to get the Directory published soon after the first of the new year.
Education Committee
by Stan Carper
Portland Chapter CSI will sponsor 4
more seminars:
January - Project Manual Concept
February - Specifications
Writing Language
(Paul Edlund)
March - Lien Laws
May - Modes of Specifying
Cost: $12.50 Non-member
$10.00 Member
$7.00 Student
Approximate time: 3:15-5:15 p.m.
preceding chapter meeting
A flyer will be inserted in The
Predicator the month of the seminar.

Portland Chapter
1983-84
President Dick Gira 224-8226
President Elect Betty Sherman 231-5000, Ext. 755
Secretary Inga Vrla 635-6227
Treasurer Ed Charles 295-0333

Board of Directors
Dennis Destefano 224-3860
Bruce Townsend 226-0622
Greg Ross 226-2921
Jim Hite 244-0843
Karen Akeson 242-9053
John Barker 231-9118

1982-83 President
Don Eggleston 228-6444

Committee Leaders
Products Fair, John Madrosen 241-1954
Program, Dennet Latham 222-1917
Education, Stan Carper 285-4557
Technical Documents, Dennis Cbert 245-7802
Editor (Publications) Margie Largent 636-6977
Awards, Cristal Arnold 252-5585
Hospitality, Pat O'Brien 241-2875
Publicity, Joe Wood 232-4000
Membership, Lee Kilbourn 224-3860

Region RESPONSIBILITIES for
Portland Chapter Members:
Region Awards Chairman
Bob Klas 644-4222
Awards Selection Committee
Les Seeley 287-7125
Region Technical Chairman
Ivan McCormick 226-1431
Region Operating Guide Revisions
Don Walton 643-9491
CSI Appointee to American Arbitration
Association Regional Construction
Industry Advisory Committee:
Bill Merritt 283-5178

The Education Committee would like a
speaker resource list for the
Northwest Region to be kept on file
at CSI's National Office.

The speakers are to be used for "in-
house" seminars and instructional
workshops conducted for corporations
and agencies desiring their staff to
become familiar with CSI formats, or
to put a master spec into language
suitable for a computer bank or word
processor, or to adapt Division I to
their own industry or problems, or -
This speaker resource list is open
to professional members and
qualified industry members who may
be experts in one or more divisions.
The speakers will receive a fee for
their efforts.
Please contact Stan Carper 777-2204
or CSI Office 234-0281

Dear Margie:
I would like to correct the October
chapter minutes to read as follows:
Jane Sampier wished Architects,
Engineers, and Owners would call the
plan centers prior to setting a bid
date to find out if any major
projects are bidding on the date
they anticipate. Contractors, Subs,
and Suppliers could do a better job
of preparing a bid than if two or
more large jobs are bidding on the
same day.

Sincerely,
Jane Sampier

Dear Ken
This letter is to advise you that
the Roofing Contractors Association
of Portland is developing proposals
for a more comprehensive re-roofing
code which we would like to present
to CSI for comments from its
members. After CSI members’ comments
are integrated into the proposed
revisions, we would then jointly
forward the proposed revisions to
the State of Oregon Structural Codes
Advisor Board, State Fire Marshall,
and other code officials in an
effort to resolve problems relating
to our re-roofing code.

Our 11 contractors and 20 associate
members have already begun work on
what we consider a must for our
industry. We are looking forward to
a mutually beneficial relationship
with CSI.

Should you, or any specifier, have
any questions regarding our efforts,
please call me at 228-3387.

Yours very truly,
James R. Watts

From the Editor
Happy Holidays

Robert R. Klas
R.C. Ehmnn & Associates
6775 S.W. 11th Avenue
Beaverton, OR 97005

037411
BULK RATE
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Portland, OR
Postmark Date Marked
CSI AND CREATIVITY

Can specification writers be creative? Should they be? Does creativity suggest change? Why should things change? Is there some virtue in constancy?

Consciously or unconsciously most organizations, even CSI, do not necessarily encourage creativity. Some will say this makes sense, because it would be chaotic to live and work in a constantly changing atmosphere without some kind of balance or control.

We need to impose some sort of control in this age of technological explosion lest our organization fly apart in a chaos of informational overload. To combat these ever pressing changes, we have resorted to procedures, standards, manuals, reports and objectives...all the things needed to convince us that everything is under control.

What about the opposite approach...an orgy of creativity at the expense of order. Literally nothing getting done because there just must be a better or different way to do it.

Additionally one of the keys to any organization is the ability or even recognition of the organization to realize that some organizational housekeeping is in order periodically. The problem is that systems are usually installed without automatic self-distruct mechanisms which in turn causes organizations to lean too heavily on the side of complete orderliness.

January
Chapter Meeting

Date: January 10, 1984 (Tuesday)
Time: 5:30 p.m. Social 6:30 p.m. Dinner 7:30 p.m. Meeting
Place: Thunderbird at the Coliseum
Cost: $10.00 per person
RSVP: CSI office - 238-1462
by Friday Noon, January 6, 1984

PROGRAM: Manufacturers' Night

Representatives from CPMC, Construction Products Manufacturers Council, will sponsor the January meeting. The intent of the program is to discuss:
1) What services the design profession expects from the manufacturer and,
2) How CPMC and manufacturers in general can best serve the needs of the design profession.

The presentation, which will include an architect and a manufacturers representative, will touch on how manufacturers can assist architects, engineers and specification writers in learning about new products, learning new things about old products, developing specifications and creating new products.

If you have questions, comments or concerns about how manufacturers can best serve your business, come to this important meeting.

Tabletop Display

Our program this month is a general topic. Any member of CSI interested in displaying products of a general nature should contact Gary Zagelow at 655-7166.

Directory Update

Once again it's time for each member to review their listing in the Portland Chapter Annual Directory. Remember? It's the 40 page listing of members with their firm name, personal information if authorized, classifications according to the 16 Division CSI Masterformat, chapter bylaws, and a sheet for corrections. The Directory has green covers with an addendum mailed to members last April.

The current edition was compiled in November 1982, and copies were mailed to members at that time. If you've joined since then, visit the Chapter office at 1125 S.E. Madison #200 and pick up a copy. If you're not a member, copies are available for a reasonable sum (but the membership committee thinks membership at $120 per year is preferable). The chapter will mail applications, but not rosters.

The goal of this effort is to provide Portland Chapter members a comprehensive, classified directory using categories from the 1983 edition of CSI's Masterformat.

We're trying to use "Broadscope" titles as much as possible, and these titles include several or all "Narrowscope" titles (down to the next "Narrowscope" title). When a Narrowscope title is preferred, we'll list only one under each Broadscope title.

Please mail your revisions to the Chapter Office in order for the Committee to get the Directory published soon after the first of the new year.

New Members

New Members since list published in October 1983 issue of The Predicator:

Warren Chopp
Northwest IPS, The Dalles

Richard D. "Dick" Cunningham
R. D. Cunningham Co.

Peter Ebert
Donald M. Drake Company

William L. "Bill" Hite
Morse Brothers Prestress, Inc.

Hoichi Kurisu
Landscape Designed by Kurisu, Ltd

Garry E. Laine
Pacific Coatings, Inc.

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President’s Corner
Continued from Page 1

As in most situations...moderation seems to be the correct approach. A portion of order and tradition and a portion of creativity and change will probably bring the best results.

For instance: our C.S.I. technical documents have been created to fulfill a desired need. Some of these same documents have been revised or even dropped and new concepts are being created and written at this very moment, hopefully with the premise that these new documents will help design specifications which will not inhibit or impede...but rather, will improve and insure the quality of the work.

Where does C.S.I. fit in? Do we change our “systems” too frequently or are we just the opposite...too rigid and overly regimented? Perhaps we are a little of both. Where are we...where should we be?

AIA-AGC-CSI

The AIA-AGC-CSI Joint Committee met on December 6, 1983 at 12:00 noon with 11 persons in attendance. Printed copies of Construction Closeout Procedures were passed out to members.

Our topic of discussion for the meeting was Contractor's Liability Insurance and Owner's and Architect's Insurance. Primarily the discussion centered on Contractor's Insurance. Two insurance people were in attendance to give us their viewpoints and general information.

Our main question and discussion covered just how much insurance is adequate. It appears that the minimum should be not less than $500,000, $500,000 with $2,000,000 umbrella. In most insurance policies hard losses are covered but soft losses usually are not addressed. All Risk Insurance needs more information as to just what is covered. The next meeting these items will have been researched, and recommendations will be made covering what insurance should be required in a construction contract.

Board of Directors
Minutes
December 13, 1983

Present: Barker, Charles, Gira, Hirte, Largent, Davidson, Townsend, Obert, Sherman, O'Brien, Ross.

Minutes of previous meeting were approved as read.

Treasurer’s report: read and approved. $1,592.00 in checking account. Discussion about cost of Christmas party (short-fall due to "no shows").

Awards: Arnold absent, discussion as to whether an award was in order for a member retiring due to ill health.

Hospitality: Cash box contributed by Mark Carpenter sans cash, but thanks!

Membership: Kilbourn absent (but committee met) no report. Request of President for new member list to be published.

Products Fair: Still looking for speaker.

Programs: Discussion on how meal money situations handled by other groups.

Publications: Largent pleased that paper did get out prior to December 1 meeting. Notified by Gira that Larry Arnold is the Portland Chapter member coordinating with the Region Conference Committee.


Old Business: Davidson reported on ad hoc Committee "Moisture Specification Seminar" (October 19, 1983). Board discussed publication. No decision made.


Respectfully submitted for Vrla by Largent.

Mystery Guest

There were several mystery guests not at the December meeting. For mysterious reasons they failed to show after having made reservations, and missed a good program, a good meal and left our treasury short by several hundred dollars. Next year the Board will probably handle reservations on a pre-paid basis.

Watch for another good party!

Ed.

BS by KS

Basic Specs by Ken Searl

Elsewhere in this issue of The Predicator you will find an article regarding Construction Contract Insurance. For years many of us have been listing insurance requirements in the Supplementary Conditions in amounts we thought were satisfactory or adequate. As an example our specifications for private work and some public work lists not less than Bodily Injury at $200,000 per person, $500,000 per occurrence and Property Damage of $300,000 per occurrence plus an umbrella of not less than $1,000,000 with not more than $10,000 deductible. Some Public Work agencies show less than this and I usually try to talk them into increasing up to figures listed above.

I have discovered that many if not most contractors already carry much more than our requirements. It seems that the umbrella in most cases today is written for $2,000,000 or more. When the AIA-AGC-CSI committee completes their present assignment on construction insurance requirements we will have definite printed recommendations. One important item to remember is that dollar size of the project has no direct bearing on the amount of insurance required. A small contractor can be sued for a tremendous amount just as well as a larger contractor.

I seem to me that now is the time for all of us to take a close look at our insurance requirements. Sometimes things that go along for a long time have a habit of jumping up and biting us when it is the least expected. One of the most important items in specifying insurance requirements is to be sure and state "not less than" with dollar amounts shown. If you don't, you could be in for possible big trouble later.

Don't forget to attend our next Northwest Region Conference in the Empress Hotel (always did want to stay at the Empress Hotel, the conference rates are good but one word of caution: on the lower level there are a lot of beautiful gift shops that would just love to take your money) in Victoria BC on April 26-27 and 28, 1984. I understand the Construction Specifications Canada will have members attending from both the Vancouver and Victoria Chapters. Also there is a rumor that a specifier from Edmonton will be in attendance.

TUES. JAN. 10, 1984

CSI OFFICE
1125 S. E. MADISON
SDI-100 Revised

James E. Pearce
Member Steel Door Institute
Technical Committee

The Steel Door Institute has revised their SDI-100 "Recommended Specifications Standard Steel Doors and Frames" to depict the products that are on today's market.

SDI-100 has categorized door constructions by "Types" and "Styles" since its inception. This revision has obsoleted certain door constructions ("Styles") forcing the renumbering of the door "Styles" section of the standard. To avoid confusion the old "Types" have been changed to "Grades" and the old "Styles" have been changed to "Models". This change allows the user to immediately recognize which door has been specified whether from the new standard or the old. A Type 1 Standard Duty Door is now classified as a Grade 1 Standard Duty Level C Door. A reference chart showing the old "Types" and "Styles" has been included in the appendix.

The Level A, B, or C has been added to each Grade to give the user an indication of the doors structural integrity based on ANSI A151.1 "Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcements". This testing is your assurance of the quality that can be expected from each Grade.

Several other changes have been made in the standard. A more detailed explanation of galvanized steel coatings used in standard steel doors and frames has been added.

A new door height, 7'10", has been added to the opening size chart for 1 3/4" doors.

The chart listing the hardware reinforcement gauges has been changed to represent the latest testing results of the Institute Members.

The 1/2 Hour (30 min) and 1/3 Hour (20 min) door and frame have been added to the standard.

A definition section has also been added to the appendix. The first inclusions are the definitions of "Composite Doors" and "Hollow Metal Doors".

All in all the new SDI-100-83 is easier to read and represents the results of today's technology.

Every specifier should have a copy of the Steel Door Institute's SDI-100-83. To receive your copy write the Steel Door Institute at 712 Lakewood Center North, 14600 Detroit Avenue, Cleveland, OH 44107.

Northwest Region

1. Cook Inlet (Anchorage, AK)
   3rd Tuesday of the Month
   6:30 p.m., Anchorage International Inn
2. Idaho (Boise, ID)
   1st Tuesday of the Month
   6:00 p.m., Old World Catering
3. Portland (Oregon)
   2nd Tuesday of the Month
   location varies
4. Puget Sound (Seattle, WA)
   2nd Thursday of the Month
   5:30 p.m., The Canal Rest.
5. Spokane (Washington)
   2nd Thursday of the Month
   6:00 p.m., Rocking Horse
6. Willamette Valley (Eugene, OR)
   Last Thursday of the Month
   Bev's Steak House
7. Northwest Region
   Conference 1984
   Victoria, B.C.

Tri-region Convention
September 1985

8. Monterey, California
   1985 Tri-Region Conference

ANNUAL CONVENTION

(1984 Convention and Exhibit to be held June 16-18 in Dallas, Texas)

Technical Program
Features speakers of national and international reputation in presentations for those involved in the construction industry.

Annual Meeting
Elected Institute officials and delegates from chapters formally conduct Institute business.

Exhibit
The largest nonresidential construction products, materials and services exhibit in the United States.

Social Programs
A Friday evening get-acquainted cocktail party; a Saturday night party sponsored jointly by CSI and the McGraw-Hill Information Systems Company. Sunday evening, Exhibitors' hospitality suite and "do-your-own-thing" on the town; Monday evening, the President's Banquet and presentation of special awards.

Special Programs
For spouses, youths and sub-teens.

DALLAS IN '84
JUNE 16-18
CSI CONVENTION
PLAN ON IT!
New Handbooks/Manuals/Standards

STANDARD TEST FOR PREPAINTED SHEET FLEXIBILITY IS APPROVED BY ASTM

The flexibility of painted metal sheets that are fabricated into building siding, guttering, and other such products can now be determined through a standard test method recently developed by ASTM Committee D-1 on Paint and Related Coatings and Materials.

For more information on this standard or on other related activities of Subcommittee D01.53, contact Robert A. Cassell, Amchem Products, Brookside Avenue, Ambler, Pennsylvania 19002; 215/528-1327; or Philip Lively, ASTM Standards Development Division, 1916 Race Street, Philadelphia, Pennsylvania 19103; 215/299-3481.

STANDARDS FOR DEMOLITION OPERATIONS AND CONCRETE AND MASONRY WORK ARE REVISED

Safeguarding workers and the public and preventing damage to property is the goal of two revised standards for demolition operations and concrete construction and masonry work just published by the American National Standards Institute.

ANSI A10.6-1983 sets safety requirements for machine and hand demolition operations performed by contractors and other workers, specifies the maximum allowable weight for demolition balls, guidelines for blasting operations, etc.

ANSI A10.9-1983 provides safety requirements for on-site concrete construction and masonry work, which replaces a 1970 edition and includes specifications for reinforcing steel, cement handling, concrete placement, vertical shorting, precast concrete, and masonry construction.

The American National Standards Institute is a private, nonprofit organization that coordinates the development of voluntary national standards, approves American National Standards, and represents U.S. interests in the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC).

ANSI A10.6-1983 and ANSI A10.9-1983 are available upon request to Walt Selles, ANSI Communications Department.

NEW PUBLICATION COMPILS PARTICLEBOARD REFERENCES IN BUILDING CODES, STANDARDS, AND GOVERNMENT BULLETINS

References to particleboard found in industry standards, model building codes, and government regulatory agencies for use in building construction have been compiled and published as a complete, single-volume guide by the National Particleboard Association.

The publication, "References to Particleboard by Building Codes and Regulatory Agencies", is designed to build awareness among municipal, county, and state building departments of the many applications for which particleboard is referenced. It is being mailed to over 2,500 departments throughout the country.

The new NPA publication reproduces the excerpts relating to particleboard in each of the three model building code organizations. It also reproduces the ANSI standard, HUD's UM bulletins relating to particleboard, and the one and two family dwelling codes.

All particleboard products are cross-referenced to identify the various building codes and government regulatory agency documents in which particleboard products are mentioned.

WASHINGTON, D.C.: LIGHTING ENERGY MANAGEMENT FOR OFFICES AND OFFICE BUILDINGS

Lighting Energy Management for Offices and Office Buildings is the title of a new 40-page guide available from the National Lighting Bureau (NLB). The new publication relies on lay language and numerous photographs, drawings, tables and charts to explain the many bottom-line benefits which good lighting provides in and around office buildings, as well as specific techniques to obtain more of these benefits while minimizing energy consumption and cost.

Published jointly with the Building Owners & Managers Association International (BOMA), Lighting Energy Management for Offices and Office Buildings is available from the NLB at a cost of $5 per copy ($6 per copy outside the U.S.); remittance must accompany each order.

The NLB also has a comprehensive publications directory available without charge, by contacting the National Lighting Bureau, 2101 L Street, N.W., Suite 300, Washington, D.C. 20037.

SMOKE CONTROL DESIGN MANUAL PUBLISHED BY ASHRAE

Smoke is recognized as the major killer in building fires. It often migrates to building locations remote from the fire space, threatening life and damaging property.

In response to this smoke problem, an engineering design manual entitled "Design of Smoke Control Systems for Buildings" is now available. The manual is the result of a three-year research project sponsored by the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE), the National Bureau of Standards (NBS) and the U.S. Veterans Administration. John H. Klote, project engineer for Smoke Control in the Fire Safety Technology Division of the NBS, and John W. Fothergill, Jr., staff engineer, Integrated Systems Inc. (a Maryland corporation), are principal authors for the project.

At the present time, ASHRAE is sponsoring 35 research projects at an annual budget exceeding $1 million. ASHRAE research is directed not to the development of products but to the discovery of principles that can be applied for the improvement of technology and products.

"Design of Smoke Control Systems for buildings" is available to ASHRAE members for $20; nonmembers for $40. To order, send a check made payable to ASHRAE at the following address: ASHRAE Publications Sales; 1791 Tollie Circle, N.E.; Atlanta, GA 30329.

The manual will go on sale at the Government Printing Office later this year.

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December Chapter Meeting Minutes

Dick Gira opened the Portland Chapter CSI Christmas Party by giving gifts from the Board of Directors to Hospitality Chairman, Pat O'Brien and Program Chairman, Dennett Latham.

Dennett Latham then introduced our speaker Ed Carpenter, an architectural glass artist, who began with a thought that specification writers should keep in mind:

"Window Openings and Budgets for stain glass should both be as large as possible."

Ed then began showing us slides of his various projects. He discussed how he designs windows by trying to relate the window to the architectural design of the building. The millions of the windows are used as the geometric prerequisite for his design.

PROJECTS

UNITED CHURCH OF CHRIST in Forest Grove has a window behind the altar in which the congregation wanted some stained glass. Ed showed us a picture of what he first showed the congregation - the type of glass he wanted to use in the window. Next Ed made a design (1" to the foot) of the actual window to see how it looks. His client was concerned about the lack of color in the window but the idea behind the window add color to the window which color varies depending on the season.

SCHOOL OF ARTS AND CRAFTS was a different type of project because the client wanted a passive window which would not detract from the use of the area as an art gallery. Ed also wanted the window to be very transparent because of the changing north sky. The finished window was composed of transparent and translucent glazing in a pattern of circles within squares and just squares.

THE STATE EXECUTIVE OFFICE BUILDING in Salem with a clerestory in a three-story open atrium was the next project he discussed. The clerestory was four feet high, by 100 feet across, and was located just below the ceiling which contained a circular skylight. Multiple circles were arranged within large square windows so that people's eyes would be drawn from the bottom to the top of the clerestory.

EUGENE PERFORMING ARTS BUILDING project was the bridge from the parking structure to the auditorium. It needed to help make a transition from the informal parking structure to the formal auditorium. A mixture of coated reflective glass and patterned glass was used.

The OMK INDUSTRIES SAW CHAIN DIVISION HEADQUARTERS had a building with a space at the top of a flight of stairs that needed a screen to divide the stairwell from the executive offices. He wanted to match the shadows which fell on the stairs as well as the design of the stairs in a "sawtooth" pattern.

COMMUNITY CENTER IN CARSON, CALIFORNIA had a lot of vertical lines, and Ed used the stepping form of the building in his design for the long vertical window in the lounge. Since transparent glass was to be used in the window, Ed used Xerox pictures of trees in designing the window. This allowed him to get the effect the trees would make behind the window after the window was installed. Laminated blue and yellow glass was used in this project which gave an interesting green colored effect.

The design for the barrel vault in the JUSTICE CENTER in Portland followed the "W" design of the building as well as the window form of the jail area to get an overlapping pattern. He made a scale model which he could hang on a model of the building which had been made by the person commissioned to prepare a sculpture for the building. Thus he was able to see what his design would look like on the outside of the building before it was actually built. The north wall behind the barrel vault gets projections of prisms - light patterns through the barrel vault from April to September. In designing the barrel vault, Ed wanted the windows to look classical and solid as if built over time.

Construction managers required that he test his windows for wind load and water penetration. This testing revealed the windows would withstand 21 psf which is equivalent to a 125 mph wind - well above the Columbus Day Storm.

A TOWER BUILDING IN DENVER was remodeled to make the lobby face a new mall. Ed used a geometric design in a 750 sq. ft. triangular skylight. When finished next year, the skylight will be projecting hundreds of colored lines and shapes onto the wall and floor of the lobby.

CONGREGATIONAL CHURCH IN DALLAS, TEXAS wanted colored glass in 10 nave windows and two larger chancel windows. Ed tried to emphasize the windows rather than walls and visually connect the windows from back to front of the church with a progressive common vertical form. Glass fiber cloth laminated between window glass will be used as well as glass containing parallel ribs varying distances apart. The chancel windows are lighter than the nave windows to draw the eye to the front of the church. The weave pattern was chosen because in meeting with the design committee of the church he had found that the church was made up of many different kinds of people and they seemed to be interwoven together in their concerns for their church.

Ed's concluding picture was of a window which had been done by his grandfather in a church in Denver in 1918. Apparently Ed had not been aware until recently that his grandfather had also worked with glass as well as painting pictures and murals.

In the question and answer period, Ed discussed the fact that windows look different from the inside and outside. On the outside, windows act as reflectors of the world around them because the light strikes the glass and is reflected back to your eyes. On the inside, windows act as transparent openings which allow light to enter.

Windows are normally not tested for wind load, and code rules for skylights do not apply because the glass panels are installed below the skylight.

This fascinating meeting was concluded by having Pat O'Brien draw numbers from a hat for the table decorations.

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MASONRY HANDBOOK

Masonry Institute of America announces its newly published revised and updated 4th edition of the REINFORCED MASONRY ENGINEERING HANDBOOK by J. E. Arnhem.

This valuable reference for engineers and architects has often been used as a text. It applies design technology, engineering, formulas and tables to reinforced masonry. It presents information on concrete block and clay brick masonry and includes construction information and design examples. It also details the design of an industrial building, retaining walls, and includes information and design for structures to resist lateral forces such as wind and earthquakes.

The 456-page 8 1/2 x 11 hard cover book is available from Masonry Institute of America, 2350 Beverly Boulevard, Los Angeles, California 90057. Pp $34 to California addresses, $32.75 to addresses outside California but in the USA.
Concrete Moisture Update by J. Davidson

The Moisture Specification Seminar presented by the Associated Floor Covering Contractors of Oregon and S.W. Washington on October 19, 1983, proposed that specifications not only include soil testing but include under-slab soil preparation as discussed in the April, 1983 issue of The Predicator, and slab testing for moisture content.

Because the various resilient flooring manufacturers are not in agreement on the test method or the required results of moisture tests, the Ad-Hoc Committee recommended all new flooring installations, on slab-on-grade over 5000 square feet, be tested in accordance with the flooring manufacturers standard test as well as using the Rubber Manufacturers Association “Moisture Test Unit” available from Vinyl Plastics, Inc., Sheboygan, Wisconsin (Locally through Flintile, Inc.). Additionally, AFCC members will file a “Job Profile Report” with the General Contractor and the AFCC office on these jobs. AFCC will compile the data from the reports and publish the results semi-annually.

Anyone concerned with these areas should contact Dennis Obert, Chapter Technical Chairman, at 224-3860.

From the Editor

News of Portland Chapter members who have articles in other publications include:

Ken’s BS by KS in the Nov. issue of St. Louis Spectator. (The Finish Hardware one).

The Nov. 83 “Oregon Association Edition” issue of Contractor’s Daily has articles by:

Dick Gira - CSI
Bob Inouye - ASHRAE, CSI
Cristal Arnold - CPHC, CSI
Tom Young - MIO/CTI/CSI

Sorry John! The list for Members at large was taken from the January ”The Construction Specifier”. 

The Predicator
1125 S.E. Madison, #200
Portland, OR 97214

Address Correction Requested
President's Corner
by Dick Gira

Prompted by the comments made by some of the audience and panel members on our "Wish-night" Program last October, I would like to address the dual subjects of "Selecting subcontractors" and "Enforcing Specifications", and then to conclude my thoughts with a prediction of the future.

First, some background - several years ago, when the economy began to slip, a noticeable influx of new subcontracting firms appeared in our area. Some of the new firms came from other states; states which also were suffering economically. At least here in Oregon, they thought, they would be bidding against fewer competitors when compared to the many bidders in their own more populous areas. Additionally and perhaps more prevalent, because of the severely depressed residential market, many residential - only experienced subcontractors, as well as those individual trades people who decided to form their own firms, decided to compete in the commercial market. Incredibly, new firms were allowed to work in trade areas which were foreign to them.

These categories of contractors seemed to have two things in common: they secured work with very low bids and at times, after obtaining the

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February
Chapter Meeting

Date: February 14, 1984
Time: 5:30 p.m. Social
6:30 p.m. Dinner
7:30 p.m. Meeting
Place: Thunderbird at the Coliseum
Cost: $10.00 per person
RSVP: CSI Office - 238-1462 by Friday Noon, February 10, 1984
PROGRAM: Architect's Problems

Mistakes! Architects do not make mistakes. However, they do have occasional problems! With the vast number of construction products available and the infinite number of ways those materials go together, it is highly likely that architects may experience some problems with materials they specify. The February chapter meeting will explore a lot of these experiences.

Three architects have volunteered to share their knowledge with CSI members. Through these case studies, the program will attempt to identify why a problem develops, how it can be resolved, and most importantly -- what can be done to prevent it from happening again.

The program should stimulate ideas which will help all CSI members, not only architects, minimize future mishaps.

More information will be available when you call in your reservation.

Tabletop Display

Our program this month is a general topic. Any member of CSI interested in displaying products of a general nature should contact Gary Zagelow at 655-7166.

Coming Attractions

Mar. - Response to Wish Night
Apr. - CSI Products Fair - AIA/CSI Joint Meeting
May - Bid Night (Contractors)
June - Fun Night

Shifting the weight of JUSTICE

How much abuse will it take before the courts begin to restrict the special privileges they have traditionally bestowed on the plaintiffs' bar? Architects and engineers have long been held liable for injury to blameless (and some not so blameless) third parties. Not necessarily so with attorneys. They enjoy a nearly unrestricted right to name in a lawsuit anyone who may be even remotely connected with a problem. The havoc they wreak by wrongfully naming innocent parties has been defended as the social cost that must be paid to protect the right of free and unfeathered access to the courts.

So secure and sanctimonious have some attorneys for the plaintiff become in relying on this defense, that they no longer feel constrained even to conceal their own cynicism about its abuse. This point was made painfully clear once again in September, 1980, when the Defense Research Institute published a review entitled, "Plaintiff's Strategies." Consider this revealing insight into the Byzantine workings of the adversarial mind:

"Negligence on the part of architects is a new and exciting area of tort law. Typically, suits of this nature involve multiple defendants. The plaintiff's attorney is benefitted by the number of defendants, because each is trying to place the blame upon the other. Additionally, the plaintiff's attorney may then use one defendant to prove the various elements of his case against other defendants.

The following is suggested as a method to begin investigation of architectural construction negligence claims. Plaintiff's attorneys should gather the names of all of the people who worked with the plaintiff. When interviewing these people the attorney should not tell them that he plans the lawsuit. After getting the statements of the plaintiff's co-workers, the statements are given to an expert who eventually needs the plans. To gather this necessary information, a lawsuit must be started. Rather than sue the most likely party, suit should be started against the party least likely to be

Continued on Page 2
President's Corner
by Dick Gira

Continued from Page 1

job, the quality of their work and the materials used, did not meet the standards of good construction or of the industry in which they performed work.

In some cases, these sub-contractors were not willfully or even knowingly using incorrect methods or techniques, but rather, they simply did not have the experience or knowledge to realize what the standard or quality was - not only during the construction period, but also during the bidding process when they were calculating their costs. Some of these contractors simply "do not know what they do not know!"

If sub-standard work is allowed and specifications are not met, the owner, the architect and the industry as a whole will suffer. But if sub-contractors were made to understand that poor workmanship will not be tolerated, would not help that the industry?

One result of these problems I have described is that organizations such as Trade Associations, Institutes and Bureaux, etc., have been and are being hurt terribly. It is becoming increasingly difficult for these types of "helpers" to the architectural and engineering professions to continue to inspect jobs, give technical assistance, perform research, test materials and distribute literature, all free of charge, if contractors who support these "helper" organizations are not allowed to work because the "not-so-qualified" sub-contractors have been obtaining the work.

I have changed my mind. I will not make a prediction of the future - I will leave that to the imagination of all the architects, specification writers and engineers - those who can really alleviate some of the problems I have described.

Board of Directors

Minutes

MEETING OF JAN. 10, 1984


Vrla reads minutes of previous meeting which were approved with some minor comments.

Charles presented Quarterly Report. Net Assets: $11,094.41. Charles agreed to meet with O'Brien and discuss Christmas party expenses, i.e., subsidy and other purchases. Also determine why there is such a disparity between income and expenses to relate (primarily the short-fall for the party). Need to bill Congroup for advertising flier which appears with ThePredicator. Nothing done so far. Kilbourn turned over several checks to Charles for Masterformat purchases as well as the membership fee for a Seattle Chapter member. It was moved and seconded to approve the Treasurer's report.

In re: the number of "no-shows" at the party, consensus was that in the future we would have to pay in advance to prevent future short-falls.

Kilbourn announced we have 234 members. The membership committee (Destefano, Jacques, James, Johnston, Van Antwerp) meets every 2-3 weeks on Thursday noon. Obert and Kilbourn to give a short pitch for Masterformat at the Jan. 10 dinner meeting.

Madrosen on Products Fair: "Power Thru Knowledge" is theme. Hall is at the printer and some will be distributed also at Jan. 10 meeting. Rest to be mailed out by end of week. Arrangements are being made with the Red Lion for accommodations and Latham is moving forward with a very interesting and exciting speaker for the joint meeting.

Discussion as to appropriate topic for the speaker who will be coming from the Johnson Space Center in Houston, Texas. This Center has a speakers bureau and speakers are available on a variety of subjects dealing with space construction, materials research, etc. We can expect upwards of 300 people at the joint dinner. So we need to hustle and quickly! Need people to volunteer for many jobs, including visits to various interested associations in the area to invite them to this meeting. Madrosen wrote a short note in January "Construction Data" in this regard.

Obert discussed a "revised" version of the Substitution Request form from the Seattle Chapter. They are asking if we wish to join them in this revision. Obert also mentioned a technical publication seminar to review technical publications to be attended by specifying architects and other interested persons. One way to possibly attract those members who feel CSI is not a viable group serving their interests.

Largent wants to have Product Fair promotional info as soon as possible - it's only two months (publication time) away.

Arnold gave a brief description of Jan. 10th meeting agenda.

Meeting adjourned at 1:30 p.m.

Respectfully submitted: Inga Vrla, Secretary

Continued from Page 1

liable. This is calculated at keeping the main defendant in the dark. In this way, the plaintiff's attorney is able to give notice only to the attorney of the party least likely to be liable. This points out the importance of considering whom to sue and when to bring the lawsuit."

With this advice, the concept of professional ethics has fallen to a new low. It is outrageous in its blatant immorality, nevertheless, we thank the members of the plaintiffs' bar for their candor. Nothing could be more carefully calculated to stir public anger, and when the public is angry enough, the courts and the legislators will begin to respond.

The call for action is long overdue. The voices of reason within the legal profession seem no longer to be heard over the barnyard cacophony of unenlightened self-interest. The social costs of special privilege are out of control. Clearly, society must act to restore balance by tightening the standards of professional conduct for those members of the plaintiff's bar no longer capable of self-restraint.

From DPIC Communique/January 1981
Art Worsching, Spokane
Dave Thomas, Seattle

Director’s Report, Nov. 15, 1983

Dave and I attended the Informal Board meeting on September 30, 1983 and the Board meeting on October 1-2, 1983 held at the Conference Center of the C.H. globe Inn in Alexandria, Virginia. This was my first Board meeting that all EXCOM Members and Region Directors were present.

The Informal Friday evening meeting touches on agenda items to be acted upon Saturday and Sunday. This enables all participants to discuss issues without formal action and prepares everyone for the next day’s meeting. Treasurer’s report was reviewed. The Ad Hoc Committee on images building appears to be dying due to lack of response. Don Meisel plans, designing and then restructuring this committee. No other agenda items were brought up.

The formal Board meeting consisted of comments or additions to each members reports.

Only one by-laws recommendation was submitted; a proposed amendment dealing with student membership definition. It was passed unanimously and will be submitted by ballot later in the fiscal year with other pending items from Feb. ’84 Board meeting. The new “Student” section will read as follows:

“a. Student members shall be full time students enrolled in an undergraduate or graduate program in a construction industry curriculum in an educational institution.

b. Student members shall have all the rights and privileges of intermediate members.”

The only other recommendation, the wearing of the CSI seal and staff designation by CSI uniform jackets, was approved to be worn at the CSI Convention and Exhibit and at Region conferences.

The Sunday morning meeting was basically an informal meeting dealing with general Region items, such as assessment, Region guides and committee appointees. This was very helpful to hear how other Regions approach common concerns.

Dave and I feel it is important for you to know that your Board of Directors is comprised of dedicated and hardworking CSI members. The interest of the entire membership has the highest priority. Their job can be much easier if the general membership were to “open up” and communicate their concerns and approvals relating to CSI as a whole.

The meeting adjourned at 11:00 a.m. with the promise that the Feb. ’84 meeting will be lengthy in comparison, as several issues and recommendations will be submitted.

ART

DALLAS in ’84
CSI CONVENTION
JUNE 16-18 PLAN ON IT!
BS by KS
Basic Specs by Ken Searl

In the January issue of The Predicator our fearless leader Dick Gira, in his President’s Corner column, asked the question, “Where does the CSI fit in? Do we change our ‘system’ too frequently, or are we just a bit too rigid and overly regimented?” Dick, that is a very good question. Sort of reminds me of the long-winded Senator who, when asked how he englished on a certain issue spent 15 minutes talking around the subject and closed with the statement, “Some of my friends say I’m for it and some say I’m against it, next question please.”

Well, I won’t spend 15 minutes but I will answer the question in part. That part is regarding CSI page format. Several years ago at the Mr. Hood Region Conference a consulting engineer complained he had over 20 Architect clients and he had also to prepare his specifications in 20 different formats and wanted to know if anything could be done about this horrible situation. Shortly thereafter the Portland CSI Chapter took the bull by the horns (no connection with the title of this article) and appointed a committee to come up with a suitable page format we could all work with including consultants. The final prepared page format was similar to National CSI suggested format with the main difference being that each specifier could put their headers and footers as desired, but the body would be uniform for all specifiers. Now if you have been paying close attention and calling upon your past experience and partially applying Murphy’s Law, then you have probably guessed what happened. Several of us switched to the suggested format and the rest continued as they had before. The consultants are still out there complaining and justly so. Why is all this necessary?

Another minor related item is some specifiers use paragraph designations as 1.01 etc. and some use 1.1 etc. It seems to me that 1.01 is redundant, I have been informed the early computers had to have the .01 whereas the new ones don’t.

One last item is, how do firms with computers handle the consultants’ portion of the specifications? Do they just keep master printed copies or do they put this information on their discs? It seems to me it should be on both consultant’s disc storage and the architectural firm’s disc storage.

Dear Ken
I’ve been reading and enjoying your column in The Predicator for many years. Your December article regarding sexism in contract documents and other construction industry publications and correspondence has prompted me to finally write a letter to you.

Seven years ago, after receiving 20 letters from manufacturers (as follow-ups to CSI Convention Booth Registrations) entitled “Dear Sir”, “Gentlemen”, and “Dear Mr. Shelly”, I started my own little campaign for recognition of the fact that there are women in CSI. I wrote a letter to each of the offending manufacturers, explaining the situation, and received a number of positive thoughtful responses. The following year, 14 of these manufacturers had corrected their salutations to non-sexist, but 8 ther manufacturers with previous non-sexist salutations had fallen into the “Dear Sir” category. I again wrote all offending manufacturers, only to find the numbers the following year essentially unchanged. After lamenting this situation to Hans Bill Meier, he wrote a good article in The Specifier on the subject, which I’m sure you remember. I had hopes that Bill’s article would bring a dramatic change in the numbers, but alas I still received a lot of “Dear Sir”s. Evidently the originators of manufacturers’ letters change so much from year to year that a personal letter to the originator accomplished little lasting impression. Only continual broad exposure of the problem via widely read publications will bring about change. Thanks for your help via your column.

Short of counting through the CSI Roster (which I’m not about to do!), I have no way of knowing the percentage of women in CSI, but my best guess would be 15%-20% women - and increasing every year. It is a continual puzzle to me why a manufacturer will go to the expense of mailing me a catalog worth $15 to $20, typing a personalized cover letter with my name and address, and then starting the letter “Dear Sir”... This practice immediately creates a negative response to their company by 15%-20% of the letter recipients. Positive responses can be attained by starting “Good Morning”, “Dear Conventioneer”, “Dear Exhibit Visitor”, “Dear CSI Member”, or numerous other salutations.

A fine example of the increasing importance of women in construction was the review in The Predicator of your November 1981 meeting, where both of the speakers on “Removal of Hazardous Materials” were women in very responsible positions. This is a definite trend in the construction industry; more female students in Architectural and Engineering schools, more women representing products, more women in contracting and subcontracting, and generally a larger number of women in all phases of the construction industry.

I’m not an avid Women’s Libber, but have become increasingly aware of some of the subtle sexist attitudes and unintentional oversights which create male directions where none should occur. There are some titles to which I have no objection, such as Chairman and of course “Fellow”, which I feel are generic and well understood. But I do resent being called “Sir”, “Gentleman”, and “Mr.”

Well, I’ve rambled on long enough on the subject and you obviously don’t need my sermons. Thanks again for your leadership and support for recognition of women in construction.

Best wishes for a happy, healthy, and prosperous 1984.

Aloha,

Alice Shelly, FCSI, CCS
January Chapter Meeting

MANUFACTURERS' NIGHT

Cristal Arnold, CSI, President of Portland CPMC opened the Program by refreshing our memory about the initials CPMC - Construction Products Manufacturers Council. It was formerly known as Producers Council. Manufacturers that belong to CPMC must adhere to certain ethics and standards:

1. The pursuit of quality in their products and services
2. The strict maintenance of proven performance standards
3. Trustworthy information regarding application of products
4. The continuing improvement of existing products
5. The development of new product solutions

Cristal then introduced the panel:

Claris Poppert: Chairman of the Board and Chief Executive Officer of Tom Benson Industries. He is also a past president of CPMC and a past CSI member.

Roger Schultz: An associate architect with Skidmore Owings and Merrill. He is Project Architect, Director of International Projects, and current President of the Oregon Council of Architects.

Jim Hirte: General Contractor whose firm is Colamette Construction

Tom Roche: District Sales Manager for W. R. Grace.

Tom Roche began the discussion by giving us an overview of how the corporate structure works. An idea for a product is given in the field, who tell their managers, who in turn tell their managers, who report to the vice presidents and Chief Executive Officer. If the idea passes all these levels of examination, then it may happen. Sales Representatives are motivated by different things than Manufacturing or Legal Departments.

Jim Hirte presented the contractor's view with the thought that the key word is "communication". Two headaches are when lead time is too long to meet schedule - product was not ordered in time and when the product is not suitable for its application.

What the General Contractor needs from a manufacturer is not a quoting of the lien laws but:

1. Description of the product and applicable specification sections.
2. Anticipated delivery date.
3. Date order received from subcontractor and the name of the subcontractor.
4. Indication if prior approval has been obtained.

Roger Schultz, as the architect, also expressed the view that communication is the key. Manufacturers need to communicate information about their products to the architects so they will use them properly. The architect has a short term relationship with the owner but a much longer term relationship with the manufacturer and contractor - they will work together on other jobs with other owners.

The architect is employed by the owner during the design phase of the project and during the construction phase is an arbitrator between the owner and the contractor. Since Oregon is just coming out of the recession most architects have time to talk to sales representatives and become better educated about their products.

Claris Poppert then opened the meeting to questions from the membership and a lively discussion followed.

It was an interesting and well attended meeting and as Dick Gira said in his closing comments, "The people that harm the construction industry are the ones that are not in attendance at meetings like this one."

Engineers Week—1984

"Engineers: Partners for Progress" is theme for the 1984 Engineers Week, Feb. 19-25, 1984.

Reservations to the 1984 Engineers Week Student Invitational Banquet, 6 p.m., Wednesday, February 22, Red Lion Motor Inn at Lloyd Center, cost is $10. The speaker is robotics expert, Michael Callahan, Automation Specialist from Seattle.

For reservations contact:

Deborah Hewitt
C/o Tektronix, Inc.
P. O. Box 500, DS 59-171
Beaverton, OR 97007

CSI Trivia

10% of the Portland Chapter members attend 3-4 chapter meetings each year.

20% attend 2 or more.

30% attend 1 meeting.

The rest are "Closet" members.

234 members.

PERHAPS YOU'VE FORGOTTEN

That if you add only one gallon of water to a cubic yard of properly designed 3000 psi concrete mix

(1) You increase the slump about one inch.
(2) You cut the compressive strength by as much as 200 psi.
(3) You waste the effect of 1/4 sack of cement.
(4) You increase the shrinkage potential 10%.
(5) You decrease the freeze-chaw resistance by 20%.
(6) You decrease the resistance to attack by de-icer salts.

(Reprinted from "Perhaps You've Forgotten" Bulletin No. 1, Concrete Improvement Board of Detroit)

CONTRACTOR - A gambler who never gets to shuffle, cut or deal.

BID OPENING - A poker game in which the losing hand wins.

BID - A wild guess carried out to two decimal places.

LOW BIDDER - A contractor who is wondering what he left out.

ENGINEER'S ESTIMATE - The cost of construction in heaven.

PROJECT MANAGER - The conductor of an orchestra in which every musician is in a different union.

CRITICAL PATH METHOD - A management technique for losing your shirt under perfect control.

OSHA - A protective coating made by half-baking a mixture of fine print, red tape, split hairs and baloney - usually applied at random with a shotgun.

Portland Chapter 1983-84

President Dick Gira 224-8226
President Elect Setty Sherman 231-5000, Ext. 755
Secretary Inga Vsla 635-6227
Treasurer Ed Charles 285-0333

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Dennis Destefano 224-3860
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Program, Dennet Latham 222-1917
Education, Stan Carper 285-4557
Technical Documents, Dennis Obers 245-7802
Editor (Publications)
Margie Large 636-6977
Awards, Cristal Arnold 252-5585
Hospitality, Pat O'Brien 241-2875
Publicity, Joe Wood 232-4000
Membership, Lee Kilbourn 224-3860

Region RESPONSIBILITIES for Portland Chapter Members:
Region Awards Chairman
Bob Klas 644-6222
Awards Selection Committee
Les Seeley 287-7135
Region Technical Chairman
Ivan McCormick 226-1431
Region Operating Guide Revisions
Don Walton 643-9491
CSI Appointee to American Arbitration Association Regional Construction Industry Advisory Committee:
Bill Merritt 283-5178

Education Committee by Stan Carper

Portland Chapter CSI will sponsor 3 more seminars:
February - Specifications Writing Language (Paul Edlund, FCSI)
March - Lien Laws
April 7 - CCS Exam
May - Modes of Specifying
Cost: $12.50 Non-member
$10.00 Member
$ 5.00 Student
Approximate time: 3:15-5:15 p.m.
preceding chapter meeting
A flyer will be inserted in The Predicator the month of the seminar.

Certified Construction Specifiers

Persons who have sent in applications to take the CCS examination on April 7, 1984 and are interested in participating in a local seminar to improve their specification writing skills should contact Stan Carper at 265-4557 not later than 2 February, 1984.

From the Editor

CSI members attending the Cold Regions Engineering Seminar (Dec. The Predicator) include your editor, Margie Large, and Mary Alice Hutchins.

NEW MEMBER, Hoichi Kurisu (Landscape Designed by Kurisu) just returned from a trip to the tip of Baja, California where he is overseeing the construction of one of his designs.

FROM THE MEMBERSHIP:
One of our members - and a dear friend - recently arrived in Honolulu sans driver's license. Unable to rent a car without a license our friend hired a taxi and took a driving test, passing with CSI colors. If this friend still reads The Predicator I may not be so dear.

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President's Corner by Dick Gira

WHY BOTHER WITH SPECIFICATIONS?

Can't we simply call out materials, methods and standards of construction on drawings? Why be so darn specific anyway...drawings can only be read and interpreted one way. Why specifications at all...they only confuse people.

I shall attempt to answer my own questions: Yes, construction specifications are necessary. Today's technology calls for all sorts of materials and systems...a good bit of it is complicated and often very sophisticated. Producing a well thought-out, well written set of "specs" is one of the accepted methods of assuring the owner of a quality building.

Additionally, a good set of "specs" can and should work in harmony with the working drawings for the benefit of all: the contractors working on the job, the suppliers who furnish the materials and services and for the architect who must coordinate and oversee the multitudes of changes, disputes and compliances in a professional, business-like manner.

If so far, you agree with me...then why is it that the majority of colleges and universities who teach architecture do not, as a part of their curriculum, offer specifications writing courses? During my recent tenure as a member of the Construction Specifications Institute's Education Committee, one of my task assignments was to search out college catalogs from all over the nation, to find out which schools offered specifications writing courses. I found very few which did...not even as an elective course.

Where then, do qualified specification writers come from? In January, 1983 C.S.I. Specification Editor, Stephen Parris writes: "You can't call up the nearest institution of higher learning and have one sent off. Colleges don't stock them; they don't even train them."

At our one and only in-state school, which at the present time can graduate students with bachelor of Architecture degrees (Oregon School of Design in Portland is working toward this goal), does not teach a specific, in-depth specifications-writing course. "Specifications" is only one of several subjects making up the nearest institution of education.

March Chapter Meeting

Date: Tuesday, March 13, 1984
Time: 5:30 p.m. Social
6:30 p.m. Dinner
7:30 p.m. Meeting
Place: Thunderbird at the Coliseum
Cost: $10.00 per person
RSVP: CSI Office by Friday Noon, March 9, 1984. 238-1462

1984 Products Fair

Power Through Knowledge

Most CSI members now know that the next Products Fair will be held in the Red Lion at Lloyd Center exhibit hall on April 17 and 18, 1984.

One new event this year is a CSI-AIA joint dinner meeting on April 17. Featured is a hosted pre-dinner cocktail party in the exhibit hall at 5:30 to 7:00 p.m. and dinner at 7:00 p.m. in the Cascade Ballroom.

Featured speaker of the evening will be architect Brad Griffin of Boeing Aerospace, Seattle, Washington. His topic will be "Design of Human Habitations in Zero Gravity Environments".

Cost of the joint dinner meeting will be $12 per person. An insert in this month's The Predicator advertises this function plus acts as a dinner reservation form. The form must be accompanied by a check and received by the CSI office by April 2 in order to reserve a seat. We expect a sell-out crowd of 250 persons, so don't procrastinate. Call CSI office 238-1462 for information.

Booth reservations as of early March reached 75% full. If interested in booth space, please call John Madrosen at 223-0200 for details.

Tabletop Display

Our program this month is a general topic. Any member of CSI interested in displaying products of a general nature should contact Gary Zagelow at 655-7166.

Continued on Page 2

March 1984

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Continued on Page 2

Coming Attractions

Apr. - CSI Products Fair - AIA/CSI Joint Meeting

May - Bid Night (Contractors)
June - Fun Night

Awards

Cristal Arnold, Awards Chairman, asks that you readers suggest individuals or organizations that you feel should be considered for the following awards:

1. Chapter Certificate of Appreciation - for advancement of CSI, its objectives or administration.
2. Organizational Certificate of Appreciation - for contribution to the Construction Industry.
3. Chapter Citation - for outstanding accomplishment in specification writing.
4. Chapter Education Award.
5. Chapter Technical Excellence Award.
6. President's Certificates and Special Certificate of Appreciation - not covered in above list.
President’s Corner
by Dick Gira
Continued from Page 1
up a course called Construction Communications. This relatively small reference to such an important subject, when compared to the multitude of other courses offered to the student in the five years of studies, is a serious omission in the training and development of our future professionals. I must also note to you that the one course I have just mentioned is not required, it’s an elective. As a matter of fact, the U of O does not require architectural drafting of their students. The schools offer “working drawings”, again as a part of two other courses which include several other topics...and again...we’re talking electives. Consider this for a moment: writing and drawing...the basic language of the profession and students are not required to take these courses.

All of us...as taxpayers, as workers in construction, as graduates of the U of O (if that be the case), as owners or future owners of architectural firms, as concerned citizens, should make our schools aware that our Marc h program would have a two-way street.

Region Awards (Deadline 2/24/84) include:
1. Region Certificate of Appreciation
2. Organizational Certificate of Appreciation
3. Region Cooperation Award
4. Region Specification Proficiency Award
5. Region Education Award
6. Region Technical Excellence Award
7. Newsletter Excellence Award
8. Region Publication Commendation
9. Chapter Crown Award
10. Chapter Director’s Citation
11. Region Director’s Citation
12. Frank Stanton Memorial Award

Bob Klas - Chairman Region Awards Committee

Board of Directors
Minutes
MEETING OF FEB. 14, 1984


Meeting called to order at 12:05 p.m. Minutes of previous meeting were read. Charles raised a question or two, minutes were corrected and approved.

Charles distributed monthly Treasurer’s Report: net assets Jan. 1984, $11,668.96. He also distributed an addendum to TREASURER’S QUARTERLY REPORT, 2nd quarter, fiscal ’83-’84. Discussion ensued about chapter meeting deficits, especially the Oct. meeting of $162.80. O’Brien expressed surprise at this figure and Charles said he would check further. Report was approved.

Richard Gira read a lengthy report from Cristal Arnold about ferreting out possible awards recipients. Time is short for regional awards and we should all be on the lookout whether those to be recognized were CSI members or a part of the industry as a whole. Call Cristal Arnold for details.

Stan Carper, Education Committee, reports on the seminar for March on "Lien Laws" and May, “Modes of Specifying”. Pat O’Brien, Hospitality, is proposing a procedure modification for handling the finances at our dinner meetings. Ed Charles agreed to take charge of receiving cash and checks. We decided to no longer accept Visa (etc.) because of the difficulty of control between our group and the restaurant management. The question of how to handle “no shows” or “drop ins” was brought up — with no final solution reached other than “to pass” for now. Dennet Latham will provide the Hospitality Committee with a guest list to help identify these people and assist in introducing them after dinner. Lee Kilbourn will also provide names of new members to the President and the Hospitality Committee before each meeting so these people can be recognized and receive their CSI pins. Our membership increased by one this month (236).

John Hadrosen on Products Fair: 37% of the booth sold. Seminars were eliminated from the program. Dennet Latham has settled on the speaker. An architect who will discuss design of human habitations in zero gravity environments (on manned space stations). Dennet also mentioned that our March program would have a speaker and slide show on MDO plywood.

Margie Largent, Publications: attempted to “get the ball to the other court” with regard to several items for the Predator, such as, news releases which could amount to free advertising, and also the pressing question...“should we have card ads?” The Board as a group suggested Margie use her best judgement. We all agree that a short column on “what’s happening” with our members would be appropriate. Margie also mentioned she had a request for an insert in the April issue.

Dennis Obert discussed a new technical document, prepared by the Associated Floor Covering Contractors (AFCC), with some help from a few members of our Chapter. This publication discusses the problems of floor coving slabs on grade, and addresses the abseitude barriers under them. There is also a film as a part of this document.

Lee Kilbourn brought up the matter of the fact that the CSI seal was used improperly on this document. The literature has been printed, some copies apparently have been mailed and the group intends to meet with the Eugene Chapter CSI later this month. We (the Board) were divided as to the course of action to take since we felt the violation was unintentional. Therefore, in the interest of public relations, Richard Gira was instructed to contact the coordinator of the AFCC here in Portland and advise him.

Following prescribed procedures as stated in the CSI handbook, Lee Kilbourn agreed to contact CSI national headquarters in Alexandria, VA, and notify them of this situation. Mr. Gira asked for help to take his place at the Engineer Week show at the Red Lion. Inga and Lee agreed to attend the dinner in his place.

Many thanks to Betty Sherman for the dandy pan of Valentine fudge. We all enjoyed a lot of it!

Meeting adjourned at 1:30 p.m.

Respectfully submitted: Inga Vrla, Secretary

1984 C.S.I. NORTHWEST REGION CONFERENCE
Northwest Region Conference 1984

What: NORTHWEST REGION CONFERENCE

Where: Victoria, B.C. Canada
Provincial Capitol
British Columbia

When: April 26-28, 1984


Site: Empress Hotel - 1984 confirmed room rates

- Std. Single Occupancy $55.00
- Std. Double Occupancy $65.00
- Superior Single Occupancy $74.00
- Superior Double Occupancy $84.00

Hotel is holding a block of rooms only up to 30 days prior to Conference.

NO GUARANTEES AFTER MARCH 25th

Transportation:
- Ferry from Port Angeles, WA to Victoria Harbor.
- Ferry from Anacortes, WA to Sidney, B.C., Drive south 22 km (13 miles)
- Ferry from Tsawwassen, B.C. to Swartz Bay Drive south 22 km (13 miles)
- Ferry from Horseshoe Bay, North Vancouver to Nanimo, B.C. Drive south 112 km (70 miles)
- By Air from Seattle, Pacific Western Airlines Ltd. 206-433-5088 - Airport is approximately 22 km north of Victoria.

The B.C. Steamship, Princess Margaurite WILL NOT BE AVAILABLE at this time. Operation will not start until May 5th.

Custom Regulations: Entry into Canada does not require passport or visas. However U.S. Citizens should carry some identification, showing citizenship etc. As many times as we have been to Canada we have never had to show any identification. See brochures, Visitors Guide and Travel Information.

Currency: There is a difference in value of U.S. and Canadian dollars. At present it is approximately 20% in our favor. It is suggested that visitors should exchange their funds for Canadian dollars at any Canadian Bank (Beaverton, Portland). Room rates listed above are in Canadian money.

Metrics: Canada is metric. Study up on your conversion tables.

DUANE HALL
via Larry Arnold

Northwest Region

Cook Inlet

COMMENTS from a local exhibitor at the Cook Inlet Chapter CSI Products Fair held in Anchorage the 9th and 10th of February.

Fifty two exhibitors, 1200 to 1300 people in attendance. Insulation was a well represented product, almost every booth exhibited some type of insulation. Attendees came from all over Alaska. They included representatives of school districts, D.O.T., Dept. of the Army, Federal Government, contractors, building officials, design professionals, engineers, distributors, suppliers and others. Booth set-up time was 9 p.m. to 8 p.m. the evening prior to the show opening at the Sheraton Hotel.

Chapter members and exhibitors were invited to a fabulous (the best I've ever encountered) buffet that evening which was hosted by the Cook Inlet chapter. 150-200 attended.

There were no training seminars, no "best booth" awards that I noticed. Those attending wanted all the "latest information", pricing, samples, ideas, sources of supply. A very high level of interest. Attendance excellent! We shared booth space with our distributor and were constantly busy... it was well worth it! Very productive show!

Al Weller, National Marketing

Dallas in '84

CSI CONVENTION JUNE 16-18 PLAN ON IT!
BS by KS
Basic Specs by Ken Searl

Do you remember in a previous BS by KS column I stated that the first inspection of sound insulated interior walls always revealed a poor job with lots of gaps and imperfections? I complained and I recently inspected a project where the exterior wall insulation was much better than the interior sound wall installation. We are all aware of the fact that sound installations should be at least as good or better than exterior wall insulation; in this case it wasn't. Sound insulation had 1 inch gaps the width of the insulation between studs at tops and bottoms, no insulation around electrical boxes and many side gaps were up to 3/4". It makes one wonder just why the installer thinks we wanted the sound insulation in the first place. I think the next time someone calls in for a sound inspector we will automatically hold the reject, do it over, or words to that effect so I won't waste the first trip. Hah!

How many of you have read "Legal Points" on page 16 of the Construction Specifier (January 1984 issue)? Bill Merritt of our Portland CSI chapter advocates not reviewing shop drawings and, as you may remember, this has been my philosophy up to a certain point. Bill says if the Architect did not write submission requirements into the construction contract they wouldn't get shop drawings to review. Bill also states an example regarding finish hardware where two catalog numbers got transposed and approved by the Architect and then the wrong material arrived on the job site. I agree in general with Bill's statements but saying something and getting it done are two different ball games. I haven't required finish hardware schedules for several years now and I still get them sent to me many times with the notation that orders cannot be placed until approved by Architect and many times the notation also requests keying schedules which I have included with the original specifications. I have a hard time convincing people finish hardware schedules are not wanted. Now to those specifiers that use the hardware allowance method it appears they have no choice but to accept a schedule or else do it themselves after the bidding period.

Now let's analyze just what happens if no shop drawings are required for anything. This means that the Architect must show all items correctly in detail on the drawings so that everything is "perfectly clear" as Nixon would say. I don't believe most Architects are ready, willing and able to do this. It has become a habit and a custom to ask for shop drawings and I am sure this habit is going to be hard to break.

One final item, I was handed a revised substitution request form from the Puget Sound Chapter for comments. Well, the "Dear Sir" gang is at it again. The last wording in part reads as follows:

"Signature must be by person having authority to legally bind his firm to the above terms!"

I guess they don't recognize that many of the reps are women who call upon the Architects and Specifiers.

Dear Ken
I THOUGHT OF KEN SEARL'S EXCHANGE WITH JOBO WHEN I SAW THIS.

"SNOW FALLS SCHOOL ROOF"

About 15 in. of heavy, wet snow and a change in materials and design were responsible for the Jan. 13 collapse of an Alaska school library's roof, according to a consultant investigating the collapse. No one was hurt when the roof of the Airport Heights Elementary School in Anchorage fell at around 11 p.m.

In a preliminary study, Unwin, Scheben, Koryna & Huegli, Anchorage, indicate that the steel-and-wood trusses used in the library's roof were not used in 13 other school libraries built around the same time and designed by the same architect - now out of business. The other roofs used all-steel trusses and were inspected for problems after the collapse, according to Bill Tanner, the school district's superintendent of auxiliary services.

The library was built in 1972 as an addition to the school, built in 1954. Last summer the district installed a protected membrane roof assembly, or PMRA, on the library. That design puts insulation on top of an elastic roofing membrane to protect the membrane from damage. The new roof membrane did not tear when the roof collapsed, and the next day it remained suspended over the room, filling up like a water balloon with melting snow.

The installation of the more energy-efficient roof may have helped bring about the collapse by letting less heat escape from the building to melt snow on the roof, Tanner theorizes.

The roof, which was lighter than the one it replaced, was designed by Keith Flynn and built by Consolidated Enterprises, Inc., Anchorage.

School district building codes require that roof structures carry 40 psf in live loads. The consultant investigating the collapse estimates the weight of snow on the roof at 25 to 30 psi.

"Responsibility has not been indicated yet." Tanner says "We'll have more of those answers when the final report comes from the engineers."

The district hopes to replace the roof by March."

(From ENR/January 26, 1984)

Dear Ken

Looks like a complete failure of everything but the roofing.

Editor.

We urge your vote for Paul Edlund, FCsl, CCS, Nominee for Vice President of the Institute.

Paul is an Architect member of Willamette Valley Chapter and was our Region Director 1979-82, Institute Vice President 1982-83. Paul's specialty in Specifications is education. He conducted the Portland Chapter February Education Seminar "Specification Writing Language"
LIEN LAWS

A SEMINAR ON:

Oregon and Washington Lien Statute
Notice of Right to Lien
Lien Notice
Foreclosure of Lien

MARCH 13, 1984

2:15 to 5:15
Thunderbird Inn (Coliseum)
1225 N. Thunderbird Way

SPONSORED BY

Portland Chapter CSI

PANEL MEMBERS

Architect: Dick Ehrmann
Ehrmann & Associates

Oregon Attorney: Bill Merritt
McClaskey & Greig

Washington Attorney: Doug Whitlock
Whitlock, Potter & Saunders

Contractor: Pat O'Brien - OTKM

Material Dealer: Bill Alexander
Parr Lumber Co.

FORMAT

Attorneys Bill Merritt and Doug Whitlock will present the Lien Statute for Oregon and Washington respectively. A panel presentation will follow demonstrating the Commercial Lien Statute for Oregon and Washington.

Continuing Education Units
0.2 CEUs ($3.00 extra).

FUTURE SEMINARS IN THIS SERIES:

May — Modes of Specifying

The seminar will be followed by CSI's monthly meeting starting with a 5:30 no-host cocktail hour, 6:30 dinner, and 7:30 program. Note: The evening meeting is separate from the seminar.

SEMINAR COST: $10.00 Member
$12.50 Non-Member
$ 5.00 Student

Name: ____________________________________________

Address: ____________________________________________

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Make checks payable to: The Construction Specifications Institute
Mail to: CSI
1125 S.E. Madison, #200
Portland, OR 97214
February Chapter Meeting

The February 14, Valentine's Day 1984 Meeting of Portland Chapter of CSI was well attended by Valentine's Day as well as new members Heichi Kurisu and Jerry Laine. New members Steve Brauser, Glen Krause, and Bud Rogers were identified. Also present for the meeting was Paul Edlund FCSI. Paul presented the Education Seminar in the afternoon.

The program began with Denny Latham introducing three architects, who gave their views of problems in construction.

Don Eggleston, the immediate Past President of Portland Chapter CSI, led off with a list of areas where his firm had had some trouble and then discussed some specific problems. His major area of concern was Shop Drawings. Don recommended that people read the article by Bill Merritt in the January, 1984 issue of The Construction Specifier on reviewing Shop Drawings. Shop drawings can be a benefit or a pain.

Detention doors are a problem if they are supposed to have wiring to them and they do not. Elevators also create problems because no one person is responsible unless an Elevator Consultant is used. The Elevator Consultant should be sure that the motor does not draw more power than is available to it. Also marble tile should be installed the same way as ceramic tile and should never be done by someone without experience.

His firm has Job Captains debrief each job in hopes of discovering problems which can be prevented on the next job. His firm also has the policy of not reviewing shop drawings unless they are first checked by the contractor.

Bob Klas was the second speaker and his general topic was on enforcing specifications. An owner wanted one of two brands of paint, and approval prior to bidding if there were going to be substitutions. In this case after the contract was awarded the painting subcontractor asked for substitutions. Bob said he would ask the owner who said "no substitutions". Unfortunately, after construction had begun Klas noted several paint cans on the site, none of which were from approved manufacturers. A telephone call to the Contractor did not correct the problem. The specifications were good but the subcontractor didn't follow them.

The response from the contractor was:
1) Everybody does it - nobody enforces specifications.

2) Subcontractors bid jobs close and then sub them out to the lowest bidder - Subcontractors act as brokers after they bid a job.

3) Material suppliers want to continue to sell products rather than to see if they are getting a good installation of their product.

Pre-approval of subcontractors would eliminate subcontractor brokers. After approval the subcontractor of record should hire the employees. The manufacturer's supplier and sales representative should back up the product and assume responsibility for it.

If a product is specified and another is installed without prequalification - what happens? The attorneys may say it is too much of a hassle to have them take it out and let it go. One solution is not to pay the subcontractor if the wrong product was installed. Also can specify that the manufacturer's representative should be on the job during the installation of the product.

Bertis Rasco was the third speaker and he reported on the specifications history of foamed-in-place urethane insulation on a project in Alaska. Construction was underway when the FTC filed a class action suit so that the insulation manufacturers, contractors and subcontractors were tied up in litigation and could make no submittals. Ultimately the FTC settled the suit but in the mean time the owner paid the bill for the effort to find another product.

Denny Latham summarized by suggesting that Architects and specifications writers should:
1. Do research and put together a good specification.
2. Specify what the architect and owner want and only what they want.
3. Try to enforce the specification.

---

Mystery Guest

Our mystery guest at the February 14 Chapter Meeting was Heichi Kurisu (who-ee-chee Ku-ree-sue) new member and as far as I can discern the only member of our chapter to have had his work featured on the cover of The Specifier (April, 1983). Heichi came to Portland from Hiroshima, Japan in 1968 to work on the Japanese Gardens and after four and a half years opened his own firm "Landscape Designed by Kurisu, LTD."

Heichi is a graduate of Waseda University, Tokyo, Japan (BA '62) and Tokyo Teien Landscape Design and Construction. The mystery is how could his work be used for The Specifier cover and he not know it? Maybe because he only speaks Japanese? (Ed. Joke)

Welcome to Portland Chapter, Heichi - we'll see you at the Products Fair in Booth # 12 with your hand crafted ceramic roof tile.

---

"From the Membership"

Don Wallace, CSI. (Portland Chapter). AIA was "The Speaker" at the Willamette Valley Chater's Western Lumber Seminar held Feb. 23 at Bev's Steak House.

Dick Gira, our president recently assisted in conducting a plastering seminar complete with working demonstrations, at the University of Oregon, School of Architecture.

Tom Crawford, CSI, owner of Pioneer Waterproofing, the northwest's oldest and largest waterproofing company, announces the addition of two new project managers. Richard W. Graves and Bruce L. Townsend. Bruce Townsend, architect, has a Bachelor of Architectural Engineering degree from Washington State University and is a board member of the Portland Chapter of CSI and will be working in the areas of complete restoration, sealant, waterproofing and elastomeric coatings.

The company recently completed restoring the Oregon Bank Building and they just began sealing the new KOIN Center. Projects coming up are restoration of the Heathman Hotel and Portland's new Performing Arts Center, as well as starting a series of educational programs for architects on elements of waterproofing.
Education Committee
by Stan Carper

Portland Chapter CSI will be sponsoring 2 more seminars:

March - Lien Laws

April 7 - CCS Exam

May - Modes of Specifying

Cost: $12.50 Non-member
$10.00 Member
$5.00 Student

Approximate time: 3:15-5:15 p.m.
preceding chapter meeting

A flyer will be inserted in The Predicator the month of the seminar.

Certified Construction Specifiers

Persons who have sent in applications to take the CCS examination on April 7, 1984 and are interested in participating in a local seminar to improve their specification writing skills should contact Stan Carper at 285-6557.

From the Editor

I just observed the ice worm parade in Cordova, Alaska. The ice worm was awesome but the police car bringing up the rear kept blasting out "Oink", "Oink", "Oink"...keeping everything in proper perspective.

Ed.

Remember The Predicator for either full page insert ads @ $100.00 each or card ads, if you prefer @ $20.00 each.

Paid Ads

OFFICE AND WAREHOUSE SPACE FOR LEASE

Located one block north and west of Highway 217 and Denney Road at 6775 S.W., 11th. Area is convenient to downtown Portland, Sunset Highway and Interstate 5. Offices have private entry lobby, large picture windows with view of Mount Hood, truck access, plenty of parking. 2800 square feet of first floor offices with 3230 square feet of 18 feet high connecting warehouse space, and 2800 square feet of separate second floor offices, will be available for lease August 1, 1984. Contact Don Walton (643-9491) or Dick Ehmann (644-4222) for appointment at any time. Additional office/warehouse in new addition (soon under construction) will also be available after August 1, 1984.

0374111
Robert R. Klas
R.C. Ehmann & Associates
6775 S.W., 111th Avenue
Beaverton, OR 97005
President's Corner
by Dick Gira

A Construction Specification Writer
The economy seems to be improving (I am told). If this is so, then perhaps it would be a good time for architectural/engineering firms to critically think about what kind of person tends to make the best construction specifications writers, CSW for short.

During my tenure on the Institute's Education Committee, I was assigned to write an "overview" of a Job Trait of a CSW and I would like to share some of the information obtained for this study which was based on surveys, interviews and research:

First, surveys revealed that the successful performance of a CSW required a person who has specific interests and abilities with the most consistent interest being curiosity about man-made things. This curiosity leads the person to wonder how materials and things fit together.

Visualizing structures in three dimensions, sequencing things in logical order, dealing with infinite details, analyzing thoughts and concepts, observing the most minute details of things, listening to and understanding people, communicating, cooperating, coordinating and influencing others and being able to operate as a service to a team effort were all mentioned frequently as characteristics of the successful CSW.

Continued on Page 2

April Chapter Meeting

1984 Products Fair

Time: 5:30 p.m. CSI Hosted Cocktail Hour
Lloyd Center
Red Lion
Exhibit Hall

Time: 7 p.m.
Buffet Dinner

Time: 8 p.m.
Program

Cost: $12.00 per person
Prepay to CSI, 1125 S.E. Madison

After Cocktails in the Exhibit Hall dinner will be served, buffet style in the Cascade Ballroom on the 2nd floor of the Red Lion. Pre-paid reservations are required for the program - no extra seating, please.

Program: Mr. Brand Griffin, with Boeing Aerospace, Kent, WA

Topic: Design of Human Habitation in Zero Gravity Environment

Design of Human Habitations in Zero Gravity Environments

In this year's State of the Union message, President Reagan voiced his support for the development of a manned space station within the next ten years. Mr. Brand Griffin is a member of the manned space station design team at Boeing Aerospace. In his talk at the April meeting Mr. Griffin will discuss the current research and development of space station design at Boeing Aerospace and describe his specific interest in the relationship between humans and the zero gravity environment they (we) will experience in space.

A native of Medford, Oregon, Mr. Griffin received his Architecture and Fine Arts education from Washington State University, Rice University and the California Institute of the Arts.

Among his many accomplishments, Mr. Griffin received the Prix de Rome fellowship for two years study at the American Academy in Rome in 1972-74 and a design award in Progressive Architecture's International Conceptual Furniture Design Competition, in 1981. He produced, at NASA's Johnson Space Center, "A NASA Design Guide for the Influence of Zero-Gravity and Acceleration on the Human Factors of Spacecraft Design." Mr. Griffin has taught architecture at Tulane University and the University of Washington. In addition to his work at Boeing he has been recognized in numerous publications such as, Domus, Architectural Design, and AIA Journal for his creative designs.

Be sure to mail your check in early for this unique and exciting presentation.

Tabletop Display
Visit one or all of the Product Booths in the Exhibit Hall at the Red Lion Lloyd Center, before dinner and program in the Cascade Ballroom on the 2nd level.

CSI History
See the November issue of the Predicator for the History of the Portland Chapter Products Fair - our 10th annual.

Coming Attractions
May - Bid Night (Contractors)
June - Fun Night
President's Corner
by Dick Gira
Continued from Page 1

Skills needed by the CSW may vary from large office to small. To some degree however, every CSW needs to be skilled in communications, both verbal and written, including active listening, research techniques, leadership and management techniques and in interpersonal relationships such as negotiating, coordinating, arbitrating and consulting.

The CSW is rather a unique person. He or she must possess a good deal of special qualities. The more curiosity, knowledge, interests and skills he or she possesses or acquires improves the CSW's worth. A CSW should possess general knowledge which can be divided into two distinct categories: present and future. Present knowledge may consist of being aware of such things as existing construction materials, methods, techniques and systems, etc. Future considerations might include computer technology, life-cycle costing-methods, human behavior or organization and management theory.

An interesting post-script of this article I believe, is that I wish to bring to your attention the fact that our main evening speaker at the joint CSI/AIA meeting at the Products Fair in April, will be a person who is presently researching and planning future space station technology for Boeing. This subject should be very appropriate and enticing for any CSW, Architect or Engineer.

Mystery Guest
- at the March Chapter Meeting was Dan O'Brien (also see "To the Editor"), new member of the Portland Chapter CSI, President and General Manager of Jarmer Commercial, Inc. Dan lives in Portland with his wife of 16 years and 4 children. Dan and his brother Pat - yes Dan and Pat mysteriously share the same mother - with J. Hirte, CSI, and Don Eggelston, CSI, have a thing going in the Daily Journal of Commerce grappling with the "issue of declining quality in workmanship". Welcome, Dan.

March Chapter Meeting Minutes

The March Portland Chapter CSI meeting began with Dick Gira introducing new member Dan O'Brien. See information about him elsewhere in this issue of The Predicator.

The next introduction was of Paul Edlund, FCSI, who is the newly elected Institute Vice President of CSI from Willamette Valley Chapter. Congratulations Paul!

Duane Hall, Northwest Region Conference Chairman from Puget Sound Chapter of CSI was introduced.

Duane told us what to expect at the Region Conference. It sounds like a very interesting program.

John Madrosen reminded everyone of the Products Fair on April 17 and 18.《The Daily Journal of Commerce is going to do a spread on the Products Fair and Katharine Reid said to contact Rex Schilling at the DJC if you wanted some information included.

Dick Gira said that Registration at the National CSI Convention will be half price if you register by May 15.

Dennet Latham introduced the program. Arnold Kupker representing a form coating manufacturer and Gary Rupert representing a plywood manufacturer discussed overlay plywood.

Overlay plywood is made by bonding a cellulose fiber mat (kraft paper) impregnated with resins to veneer plywood. High density overlay plywood has 50 to 55% resin content and a glossy finish while medium density overlay plywood has 35% resin. Overlay plywood is used for concrete forms because it is not adversely affected by release agents like regular plywood. Overlay plywood now has other uses too. A most informative program.

10th Annual Construction Specifications Institute
Products Fair Joint AIA/CSI Dinner
April 17, 1984

Mystery Guest
- at the March Chapter Meeting was Dan O'Brien (also see "To the Editor"), new member of the Portland Chapter CSI, President and General Manager of Jarmer Commercial, Inc. Dan lives in Portland with his wife of 16 years and 4 children. Dan and his brother Pat - yes Dan and Pat mysteriously share the same mother - with J. Hirte, CSI, and Don Eggelston, CSI, have a thing going in the Daily Journal of Commerce grappling with the "issue of declining quality in workmanship". Welcome, Dan.
Announcing a 50% reduction of all registration fees for the Dallas Convention/Exhibit.

Members registering by May 15th will realize a substantial saving. Completed registration form and payment must be received in the Institute office by May 15, 1984.

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ADDED ATTRACTION FOR MEMBERS REGISTERING AND PAYING BY MAY 15TH. Early registrants only will be eligible to win two round trip coach airfare tickets awarded in two separate drawings. These tickets, courtesy of Delta Airlines, will entitle the winners to a free round trip coach ticket from the city served by Delta nearest to their home city. The drawings will take place on May 16th and the winners notified by mail.

Don't miss this opportunity to attend the largest CSI Convention/Exhibit ever held and save 50% on your registration fees.
Current Applicable Codes

Oregon has a statewide building code system. The building code is made up of a number of specialty codes. These specialty codes include:

- Structural Specialty Code
- Mechanical Specialty Code
- Plumbing Specialty Code
- Electrical Specialty Code
- Boiler Specialty Code, etc.

Maintenance of the specialty codes is the responsibility of the Building Codes Division.

The State Fire Marshal adopts portions of the 1982 Structural Specialty Code (SSC) and the 1982 Mechanical Specialty Code (MSC) as Fire and Life Safety Regulations. Both the Director of Commerce (as delegated to the Administrator of the Building Codes Division) and the Fire Marshal adopt portions of the SSC and MSC simultaneously and publish the result as a single document, which is called the 1983 Structural Specialty Code and Fire and Life Safety Regulations and the 1983 Mechanical Specialty Code and Mechanical Fire and Life Safety Regulations. See Appendix, Chapter 2, of the Structural Code for portions adopted by the Building Codes Division and the State Fire Marshal.

The 1982 Uniform Fire Code has recently been adopted by the State Fire Marshal's office to be the fire code for the State of Oregon and replace instate written regulations. Generally, this code regulates the continued use of the building rather than just construction, additions, and alterations that specialty codes control.

As required by statute, we adopt the latest editions of nationally recognized model codes as our specialty codes, but these codes are amended to tailor them to Oregon's specific needs. Enclosed is a chart which shows Oregon specialty codes and their base model codes with the latest effective dates. There is a continuous effort to improve and update these codes with the help of advisory boards.

The PPT Notebook is a compilation of the interpretations and actions of the Structural Code Advisory Board related to the Structural and Mechanical Specialty Codes. Other copies are available from the Building Codes Division at a cost of $10 each. Periodic updates are mailed to all known holders of this document.

In 1973, the Legislature adopted the concept of a statewide building code. This public policy has evolved and is now embodied in ORS 456.775(1), which says in part:

"(1) The state building code shall be applicable and uniform throughout the state in all municipalities, and no municipality shall enact or enforce any ordinance, rule or regulation relating to the same matters encompassed by the State Building Code but which provide different requirements unless authorized by the director . . . "

(Emphasis added)

A definition in ORS 456.750(8) says:

"(8) "State building code' means the combined specialty codes."

In the same section, in subsection (7), specialty code is defined:

"(7) 'Specialty code' means a code of regulations adopted under ORS 466.185, 467.020(2), 456.755(2), 460.085, 460.360, 479.730(1) or 480.535; but does not include regulations adopted by the State Fire Marshal pursuant to ORS chapter 476 or ORS 479.010 to 479.220 and 479.220 to 479.2210." (Emphasis added)

Prior to the adoption of the statute which set up the State Building Code in 1973, the State Fire Marshal adopted large portions of the Uniform Building Code and Uniform Mechanical Code as Fire and Life Safety Regulations. By definition, these regulations are not part of the Structural and Mechanical Specialty Codes and, therefore, are not uniform throughout the state as specified in ORS 456.775.

After the State Building Code statute was adopted, we were notified by the Attorney General, in a written opinion for exempt areas and later by an oral opinion for nonexempt areas, that local governments may amend those portions of the Uniform Building and Uniform Mechanical Code which has been adopted by the State Fire Marshal due to the limitations in the definition of specialty code. By statute, the State Fire Marshal is excluded from authority in one and two family dwellings; therefore, the State Building Code in one and two family dwellings is uniform statewide.

The Troutdale case tested State uniformity of the specialty codes, since the requirement in Troutdale was that dwellings have double wall construction whereas the State Building Code allowed single wall construction. The Supreme Court found that it was not clear that the Legislature intended the code to be uniform statewide, but the Supreme Court did determine that under the State Constitution it was legal for the State to pre-empt code adoption and make it uniform statewide. The next session of the Legislature passed clarifying legislation and it is now clear that the State Building Code is uniform statewide.

Many organizations interested in the code maintain standing code committees which follow the code change process and alert their membership to code development issues and changes which are felt significant. Your organization may wish to subscribe to the Secretary of State's Bulletin which lists new regulations.

Fred W. Heard, Director, Dept. of Commerce, State of Oregon

SPECIALTY CODE BASE MODEL CODE EFFECTIVE DATE

| 1983 Mechanical Specialty Code and | 1982 Uniform Mechanical Code | 8/1/83 |
| Fire & Life Safety Regulations | Mechanical Fire & Life Safety Regulations | |
| Plumbing Specialty Code | 1979 Uniform Plumbing Code | 1/1/81 |
| Electrical Specialty Code | 1981 National Electrical Code | 1/1/81 |
| Boiler Specialty Code | Boiler & Pressure Vessel Code | 1/1/81 |
| Elevator Specialty Code | ANSI A17.1-1971 and | 1/1/81 |
| Supplements A17.1a-76 | | |
BS by KS
Basic Specs by Ken Searl

Recently there appears to be an increase in receiving Notices of the Right to Lien from various suppliers and subcontractors. Apparently it is a sign of the times due to the present economy. I feel some firms are sending out these notices indiscriminately by sending them out to all or nearly all accounts. In fact, the Building Material Dealers Association of Portland has a standard form on which it is stated, “This is part of the customary routine of transacting business in the construction industry,” etc. It seems to me that this is a heck of a way to run a business. Hopefully this will change for the better.

When one or more of these notices are received by an architect it tends to create uneasiness and a doubt as to whether or not the General Contractor is on solid footing, even though his financial condition may be excellent. It is sort of like the feeling one can get when words or actions tend to be misleading. For example, a full-time job inspector can write in the daily report that the contractor or architect was “on the job sober.” Well we all know contractors and architects are always on the job sober but it still casts a doubt in one’s mind. I admit construction projects can drive one to drink, but of course only after working hours.

I contacted a firm that filed a Notice of the Right to Lien and asked them for more details. They told me it was felt that due to Oregon law, which apparently only allows 8 days to file a Notice of Right to Lien after delivery of materials, they had to protect their firm’s pocketbook. I pointed out that this practice is not necessary if the contract documents require both a Performance Bond and a Labor and Materials Payment Bond. Many contracts are written this way and it protects the suppliers as well as the owner. One word of caution is to be sure the requirements cover both types of bonds, not just a Performance Bond. I haven’t figured out yet just why the State of Oregon has the 8 day requirement.

One last item not connected with the above is the telephone game many of us play in our working hours. I call it Searl’s Law: that’s when you call me when I am on the telephone, then I call you when you are on the telephone, then you call me when I am on the telephone, etc. This can go on for 4 to 6 hours, or even until the next day. If we are real lucky maybe we will forget what we called about in the first place.

*access control (ak’-ses ken-trol’), n 1. the means, through a variety of procedures and equipment, to regulate and monitor the movement of personnel and vehicular traffic through points of entry and exit. 2. the ability to regulate and account for the use of fuel, photocopies, energy and miscellaneous products. 3. documentation of time/attendance, industrial functions, job costing and safety/security data utilizing a card-activated electronic system. Syn: Entrance Controls, Inc., Washington, Oregon, Idaho, Utah, Montana, Nevada, Wyoming, Alaska, Hawaii.

Access (keycard) Control Systems
Closed Circuit TV Systems
Building Management Systems
Parking Systems

Petroleum Management Systems
Time and Attendance Systems
Automatic Doors and Turnstiles
Intrusion Systems

CSI PRODUCTS FAIR BOOTH 502 • 504
Education Committee
by Stan Carper
Portland Chapter CSI will sponsor 1 more seminar:
May - Modes of Specifying
Cost: $13.50 Non-member
$10.00 Member
$ 5.00 Student
Approximate time: 3:15-5:15 p.m.
preceding chapter meeting
A flyer will be inserted in The Predicator the month of the seminar.

From the Editor
Remember The Predicator for either full page insert ads @ $100.00 each or card ads, if you prefer @ $20.00 each.
Ed.

To the Editor
RE: March, 1984 President's Corner
Dick Girä's remark triggered a related, but tangential thought which occurs to me about twice a month when another State agency or an elected official asks our office for help related to problems of construction in residential buildings. There is a dispute between the owner and the builder. We are asked for advice as to whether the building code has been violated. Usually, we find that the minimum requirements of the building code have been met but the construction is still not satisfactory to the owner. The owner thought that by relying on the building code, he would be assured that the new home would be satisfactory to his needs.

Only specifying compliance with the building code is like asking that your new car comply with Oregon Motor Vehicle Code. The automobile will be assured of having headlights, taillights, windshield wipers, muffler, rear view mirrors, etc., but may be a subcompact rather than the luxury sedan that was expected.

In addition to the safety codes, the owner needs to specify color, brand, type of transmission, air conditioning, vinyl top, etc.

Over the years, I have suggested to the Home Builders Association and the State Builders Board that there is need for standard specifications for residential construction which could be attached or referenced by each residential set of plans which would better define the responsibilities of the builder and place limits on the expectation of the owner. These specifications would be part of the owner/builder contract and when disputes arise, provide a basis for resolution.

If CSI were to develop such a standard specification and maintain it, it might be a money maker for the Institute and provide a valuable public service to boot.

Just a thought.
Sincerely,
Walter M. Friday, P.E., Manager Structural/Mechanical/Prefab Program Dept. of Commerce - Bldg. Codes

Dear Dick:

........ I feel a little put off by your remarks in the February Article. (The Predicator)

We started our Company this past October in one of the sub-contracting trades. We started on a solid base with substantial experience in Estimating and Project Management.

........ we have found in some cases the exact opposite of "inexperienced sub-contractors." We have found the experienced contractors who know how to twist the knife, asking (15) sub-contractors to quote one specialty in the bid process. I feel that those contractors, in order to get low, are looking for the person/firm who makes the mistake and realizes it only after the fact, i.e. contract signed and construction underway. This process causes poor quality workmanship with less than standard materials.

........ another item we run into is the contractor who uses your low bid in the bid proposal submittal and then uses a sub-contractor who did not bid the job or allows your competition to adjust their price to shift the job from "yours" to "theirs!"

When the contractors decide they want the process clean they will select the sub-contractors they really want to bid the job. The pricing, quality and atmosphere will change ... etc.

Thanks for the ear.

Sincerely,
JARMER COMMERCIAL, INC.
Dan O'Brien

Portland Chapter 1983-84
President Dick Gira 224-8226
President Elect Betty Sherman 231-5000, Ext. 755
Secretary Inga Vrla 635-6227
Treasurer Ed Charles 295-0333

Board of Directors
Dennis Destefano 224-3650
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Jim Hirte 244-0843
Karen Aheson 242-9053
John Barker 231-9118
1982-83 President Don Eggleston 228-6444

The Predicator
1125 S.E. Madison, #200
Portland, OR 97214

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President's Corner
by Dick Gira

As an art, communications has grown in technique and has become very sophisticated in recent years. CSI is certainly in the communications business. Specifications writers and architects are too. Good communications starts at "home" (at the office) however. If there are company policies which affect the drawings or specifications, then all people in the company should know about it. All people in the company should, as a matter of procedure, put into practice the new policy. All should be communicating from the exact same frame of reference.

When communicating within the firm or outside with others, it not only means talking, drawing or writing, it also means listening and understanding. Can a firm become too sophisticated when communicating with their employees? Let's see, let's give some examples:

Suppose you are a specifications writer and you "just happen" to see a note from your boss describing you in very flattering terms and you quite naturally interpret that note in a very positive way... however, I wouldn't necessarily go out and spend a lot of money in anticipation of a large salary increase. For instance, if you see the phrase: "Forceful," this to your boss may mean ARGUMENTATIVE, or "Exceptionally well-qualified" may mean MADE NO SERIOUS BLINDERS YET, or "Careful thinker" may mean WON'T MAKE A DECISION, or "Strong principles" may mean STUBBORN, or "Spends extra hours on the job," may mean MISERABLE HOME LIFE, or "Active socially" may mean DRINKS TOO MUCH, or "Uses logic on hard problems" may mean FINDS ANOTHER TO DO THE JOB, or "Conscientious" may mean SCARED, or "Meticulous attention to detail" may mean NIT-PICKER, and finally, "Of great value to the organization" may mean GETS TO WORK ON TIME.

How is that for being sophisticated in your phraseology?

Note: the tongue-in-cheek examples above by E. James Brennan.

May Chapter Meeting

BID NIGHT – May 8, 1984

FIRST Notice published first and last time this year

CSI Portland Chapter

Construction of New CSI Meeting Place

Plans and specifications may be examined during a social hour at 5:30 pm. and into dinner at 6:30 p.m. on the same day the bids are due!

The cost to purchase plans and specifications, including dinner, is $10.00. Interested prequalified bidders (CSI members and their guests) shall make reservations for the bid night through the CSI office, 238-1462, by noon Friday May 4, 1984.

Bidders shall be prepared to tabulate bids by supplying their own writing instruments, and calculators, and/or personal computers.

CSI is an Equal Opportunity Organization.

Tabletop Display

Our program this month is a general topic. Any member of CSI interested in displaying products of a general nature should contact Gary Zagelow at 655-7166.

Mechmaster

MASTER MECHANICAL SPECIFICATION AVAILABLE

An award winning Master Mechanical Specification "Mechmaster," published by the Contract Administration Fund (CAF) of Colorado, is now available to engineers. CAF is a statewide organization of piping and mechanical contractors, whose members experienced costly delays and changes on certain projects, when specifications were poorly organized, inconsistent or incomplete.

Coming Attractions

June – Fun Night

Our final Chapter meeting will consist of a "Fun Night" - watch for details - mark your calendar! June 12, 1984.
Accurate Contract Drawings

Drawings prepared by Architects/Engineers representing work which has not been coordinated or are otherwise incorrect and cannot be installed as shown have become all too frequent in the construction industry.

Sam P. Wallace Company of Southern California, Inc. was recently awarded over $900,000 in arbitration with the University of California. Wallace Company's claim was based on the failure of the University at bid time, and thereafter, to provide workable and usable Drawings. The bid set of Mechanical Drawings were in conflict with the architectural, structural and mechanical work. As a result of the conflicts in the Drawings, Sam P. Wallace Company was forced to relocate and re-layout the bulk of the mechanical work in a medical research structure. The Architect abandoned any responsibility for the conflicts and errors contending his double line, 1/4 scale Drawings were only "schematic". Although Wallace possibly had the right to abandon performance because of the condition of the Drawings, Wallace proceeded with performance and was awarded the additional cost expended in correcting the inadequacies.

Contractors have the right to expect contract documents to represent the work to be accomplished and the quantities that are shown to truly represent the scope of work upon which the bid is prepared.

Good Architects and Engineers preparing good Contract Drawings result in a good contract for the Owner as he is aware of the actual scope and cost and is not "surprised" by added costs for items which cannot, and should not, be absorbed by a contractor.

From: Contracting Plasterers’ Association of Southern California, Inc. “Bulletin” for Feb. 21, 1984

CSI Trivia

According to our By-laws we have eleven Board members — including Past-presidents who do not vote. Four Professional Directors, 2 Industry Directors, the President, President-elect, Secretary, and the Treasurer compose the voting Board. A quorum is made up of a simple majority of these people — Ah yes, a majority of this simple majority must be Professional Members.

Sometimes it is important that Professional Board Members attend all Board meetings — at least 4 of them! (members)

Board of Directors

Minutes


Meeting convened at 12:05 p.m. The minutes of previous meeting were read and approved. Treasurer Charles was out of town — his report was postponed until next month.

Committees: Education — Seminar in May on Modes of Specifying. April seminar very well attended, mostly from industry. Membership — Kilbourn is ready to go to press with new roster. Some discussion about including some latecomers to the list. We will instead put out an addendum later this year. There are 240 members now. (Two new members)

Products Fair — All the booths are sold, speaker accounted for, Women in Construction to take care of registration, a few details still to take care of. 90 people reserved for joint CSI/AIA dinner. Kilbourn arranged to get an Institute display-promoting membership. Programs — Latham described "Contractor's Bid Night", the program being prepared for the May meeting. Publications — Largent read a letter from an author of a book who would like to have it advertised in The Predicator. Kilbourn suggested we get a review copy. Searl would write a book review in BS by KS. Consensus approval.

Technical Documents — Kilbourn felt the Substitution Request Form change requested by the Pugher Sound Chapter doesn’t make it any better and intended to recommend that our form stay the same. If there are plans for a region-wide form we would discuss it further.

Region Conference — 17 people signed up with several more expected.

National Convention — Gira read letter regarding the sharing of technical material at the National Convention.

Naming Committee — Sherman is finding it difficult to fill the President-Elect position. Asked for suggestions. Discussion about asking for nominations from the floor at the April meeting — Sherman wonders if the bylaws should be changed. Something to think about in the next year. Discussed the time limits and qualifications for positions. We will alert CSI members, when we give them their dinner tickets, that they should be considering nominations. Hopefully will expedite the whole procedure. Gira asked for help filling out an informational questionnaire from the Region Coordinating Council.

Meeting was adjourned at 1:15 p.m.

Respectfully submitted,
Inga Vrla Secretary.
Northwest Region Conference 1984

Portland Chapter members registered to attend the April 26 – 28 Region Conference in Victoria, B.C., Canada are: John Brockamp, Tom Clucas, John Crook, Dick Clari, Neal Jacques, Lee Kilbourn, Bob Klas, Margie Largent, Ivan McCormick, Ken Searl, Betty Sherman** Inga Vrla. Several spouses will be attending.

Architects-Engineers

I have been appointed to a sub-committee of the TDC to update or develop a new document to be titled “Abbreviations and Symbols.” This will replace the defunct CSI MP-8 document. It is not the intention of this committee to be very creative. My concern is principally mechanical and electrical. Speaking for mechanical, we do have copies of the ASHRAE standards and SMACNA.

We, as a committee, would appreciate receiving any copies of Regional or National efforts of “Abbreviations and Symbols” that you are aware of but will accept “Office Standards” if nothing else can be identified. We will feed these into a computer which is already set up in Champaign, IL and has the CSI, ASHRAE, Hawaii/AIA and Northern California/AIA documents in storage.

If any of you are using a CAD system with a library of abbreviations and symbols, these would be most helpful.

Time is of the essence. I was appointed to this committee a week ago and already we are a couple months behind schedule. Please send documents to:

James K. Balzhiser, President
Balzhiser/Hubbard & Associates
P. O. Box 2687
Eugene, Oregon 97402

Ed. Comments: Jim was named ASHRAE Fellow last year, so I guess it is only logical that the form letter that all we editors received was addressed “gentlemen”!

M. L.

Annual Convention

Dear CSI Member,

Just an early reminder about CSI’s 28th Annual Convention and Exhibit. This year it will be held on June 16-18 in Dallas, Texas. A special invitation is made to new members of CSI to attend their first national convention.

This year promises to be the bell ringer of CSI exhibits—683 booths exhibiting the produce and services of over 430 companies. The exhibit is worth the trip in itself. In addition to the exhibit, this year’s technical sessions will encompass interesting topics of value to your work and yourself.

Feature speakers, B. Gentry Lee and Dr. Steve Falken, will offer a fascinating look into the future and how to deal with change in our changing society. Professor Corker, CSI, will offer his legal viewpoints in two separate sessions—one topic: “The legal aspects of ‘How to Get Paid’” The second topic will be “The need and use of Surety Bonds.” A session on the administration of contracts will be chaired by William Trottier, CSI. The session on Product Warranties, a subject of broad interest to our industry, will be hosted by Glen Abplanalp, FCSI. Ben Greenwood, FCSI, will enlighten the industry members. In particular, on the mysteries and marvels of MANU-SPEC as a selling tool. And speaking of sales tools, Dr. Ed Marsh will address a topic of great interest: “Marketing Your Services.” All this and more in a dozen technical sessions designed to help you in your work and in self-development.

But all work and no play wouldn’t be right—so please plan to attend the after hours social events—the convention mixer on Friday evening—the outstanding CSI/McGraw Hill co-hosted party at a special Dallas location. This year, plan to attend the President’s banquet with the awards ceremony in addition to a gala evening. Make the most of this annual convention to meet new and old friends. I urge you to mark this event on your calendar because I plan on seeing all of you in Dallas.

P.S. Look for a pleasant surprise in your registration brochure!

Donald D. Meisel, FCSI
President

Northwest Region

1. Cook Inlet (Anchorage, AK) 3rd Tuesday of the Month 6:30 p.m., Anchorage International Inn
2. Idaho (Boise, ID) 1st Tuesday of the Month 6:00 p.m., Old World Catering
3. Portland (Oregon) 2nd Tuesday of the Month location varies
4. Puget Sound (Seattle, WA) 2nd Thursday of the Month 5:30 p.m., The Canal Rest.
5. Spokane (Washington) 2nd Thursday of the Month 6:00 p.m., Rocking Horse
6. Willamette Valley (Eugene, OR) 2nd Tuesday of the Month 6:00 p.m., Bev’s Steak House
7. Portland (Oregon) 2nd Tuesday of the Month 6:00 p.m., Old World Catering
8. Idaho (Boise, ID) 1st Tuesday of the Month 6:00 p.m., Old World Catering
9. Spokane (Washington) 2nd Thursday of the Month 6:00 p.m., Rocking Horse
10. Willamette Valley (Eugene, OR) 2nd Tuesday of the Month 6:00 p.m., Bev’s Steak House
11. Portland (Oregon) 2nd Tuesday of the Month 6:00 p.m., Old World Catering
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14. Willamette Valley (Eugene, OR) 2nd Tuesday of the Month 6:00 p.m., Bev’s Steak House
15. Portland (Oregon) 2nd Tuesday of the Month 6:00 p.m., Old World Catering
16. Idaho (Boise, ID) 1st Tuesday of the Month 6:00 p.m., Old World Catering
17. Spokane (Washington) 2nd Thursday of the Month 6:00 p.m., Rocking Horse
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28. Idaho (Boise, ID) 1st Tuesday of the Month 6:00 p.m., Old World Catering

DALLAS!
CSI CONVENTION
JUNE 16-18
1984
Plan on it!
Wind Engineering Design

The Education Committee of the Oregon ASCE is sponsoring a 1-day seminar on Wind Engineering Design, June 12, 1984.

LOCATION OF SEMINAR
Red Lion Inn/Lloyd Center, 1000 N.E. Multnomah, Portland, Oregon, (503) 281-6111, 8:30 A.M. - 5:30 P.M., June 12, 1984.

This course is designed to give engineers and architects an understanding of wind effects on buildings and structures and the use of applicable design guidelines. ANSI A36.1-1982, NBMA 1982, seminar notes and lunch are included in the registration fee.

INSTRUCTION TEAM:
The seminar will be presented by Dr. Jack E. Cernak, Dr. Arthur N.L. Chia and Dr. Dale C. Perry.

SUBJECTS TO BE COVERED:
Overview of wind engineering
Wind characterization
Design example (using various code provisions)
Wind tunnel tests
Code approach

REGISTRATION
The registration fee for the seminar is $125. — for pre-registration received by May 12, 1984, $115. — for pre-registration received after May 12, 1984 is $165. — at door registration is subject to space. Participants will be limited to the first 75 registrants.

For further information call: Otto Van Walstijn (503) 222-3432, or Don Ruff (503) 230-5569.

Send Registration to:
American Society of Civil Engineers, Oregon Section
c/o Leon Kenper
3314 N. E. 22nd Ave.
Portland, Oregon 97212

April Chapter Meeting

Dick Gira, Portland Chapter CSI President, opened the joint AIA-CS1 meeting with the CSI nominating committee report:

President-elect: Margie Largent
Secretary: Inga Vrla
Treasurer: Jim Davidson

Directors, Professional (two to be elected):
J. Min Luey
Dennet Latham
Curtis Finch
Neal Jacques

Directors, Industry (one to be elected):
Stan Carper
Jim Hart

Ballots will be mailed to all CSI members for return before or at the May 8 meeting.

Dennet Latham then introduced Brand Norman Griffin, who discussed Space Station Design; and human habitats in zero gravity environments.

Mr. Griffin began his talk with a concept which was of interest to me. A space suit is a space craft because it is essentially a craft used to support an individual in space. In space one assumes a "neutral body posture"—hunched shoulders, lowered head and legs hanging limp. It made me think of the survival position one takes in space to support an individual. One must consider certain things such as no gravity, and the "neutral body posture." One must include means of exercising muscles because movement in zero gravity causes muscles to atrophy from lack of use, and the center of gravity of the astronaut shifts with redistribution of the weight of blood. For sleeping, astronauts strap themselves to an assigned wall.

In order to design a space station, one must consider certain things such as no gravity, and the "neutral body posture." One must include means of exercising muscles because movement in zero gravity causes muscles to atrophy from lack of use, and the center of gravity of the astronaut shifts with redistribution of the weight of blood. For sleeping, astronauts strap themselves to an assigned wall.

The Space Station itself must be designed to be taken up to its orbit by a space shuttle which limits its size, shape, and weight. It also should be a "pre-fab" unit so the astronauts can put the "pre-fab" units together in space. The basic Space Station unit should be adaptable to different uses such as construction of other stations, life sciences experiments, making of crystals, purifying compounds, etc.

All in all a fascinating talk which really got me to thinking.

GSA to drop requirement for listing subcontractors

The U.S. General Service Administration plans to issue within the month a change in its procurement regulations that would drop the requirement that prime contractors list subcontractors when holding on government building contracts.

The action was denounced by subcontractors, who said the change would significantly increase "bid shopping" by unsuccessful bidders trying to cut subcontract costs after receiving a contract award.

Under regulations in effect since 1969, successful bidders were required to use listed subs unless there was a challenge.

GSA said it was dropping the requirement because building problems and protests have delayed award of contracts and in some cases have caused rejection of bids.

The American Subcontractors Association objected to the change on the ground that a qualified, responsive sub should be assured that he will be awarded the work if he submits the lowest price at bid opening.

Also complaining was the American Subcontractors Association of America. The Associated General Contractors of America, on the other hand, supported GSA's policy change. It said the listing requirement "only contributed to the number of non-responsive and unacceptable bids received by GSA."

ADG contended that the requirement placed general contractors in the "untenable" position of being compelled to a sub before having written agreement with him, and "put an inequitable risk on the contractor when alternative bids are requested."
MODES OF SPECIFYING
A CSI SEMINAR FOR YOU

MAY 8, 1984
3:15 to 5:15 P.M.
THUNDERBIRD INN (Coliseum)
1225 N. Thunderbird Way
Sponsored by Portland Chapter CSI

METHODS OF SPECIFYING:
1. Descriptive
2. Proprietary
3. Reference standards
4. Performance
5. Nonrestrictive
6. Cash allowance
7. Procurement

DENNIS OBERT, CCS, MODERATOR
19 years architectural experience, 9 years specification writing,
Presently Construction Specification Consultant

The seminar will be followed by CSI's monthly meeting starting with a 5:30
no-host cocktail hour, 6:30 dinner, and 7:30 program. Note: The evening
meeting is separate from the seminar.

SEMINAR COST: $10.00 Member
                 $12.50 Non-Member
                 $ 5.00 Student

Name: ____________________________________________________
Address: __________________________________________________
City and State: ___________________________________________ Zip: ____________

Make checks payable to: The Construction Specifications Institute
Mail to: CSI
        1125 S.E. Madison, #200
        Portland, OR 97214
By this time our weather should be getting better but in Oregon one never knows, so I will talk about inside items. For several years I have been considering buying a computer that would do work for both my home and office. Originally the price was just too high and my knowledge of what was actually needed was at best limited, so I just rushed along hoping.

After several years of looking and asking questions I finally bought a computer complete with a letter-quality printer. As of this moment no longer ask questions on what to buy but on how to properly run the dad blamed contraption. Here about this later, but back to the basics of computer selection. I in the first place computers are not just for medium or large offices. As I see it a one-to-three person office really needs a computer to get more work done which will result in more profits in the long run.

There are two methods one can consider in purchasing a computer or we can also refer to it as a word processor. One thing I have done is to ask lots of questions keeping looking at all the computer stores and see what is available. I also took some training on a couple of machines. One thing to watch out for is that many computer sales persons really don't know all they should about what they are trying to sell.

Another method in your quest for computers is to engage the services of a computer consultant. Here you may have a problem because how does one know if the consultant is actually what he or she claims to be? Some of them are excellent but I believe they are geared to the larger computer users and therefore their thinking reflects this and consequently their recommendations can be advising one to purchase more than is needed. I believe a good consultant can be of significant value in the purchase of the larger systems but for the average small architectural or engineering office I believe the proper research on what to buy will be satisfactory.

My recommendations for a computer for a medium to a small office is as follows: Not less than 64K with 2 disc drives consisting of not less than single sided double density. Double sided double density is better for more storage.

My own preference is to buy a computer with built-in disc drives with not less than a 9" screen and unit that is equipped with a RS 232 port to add a modem if so desired. The printer can be low-priced but be sure it is a letter-quality printer. A dot matrix printer in addition is also nice but you can buy this later. Now you ask how much does this cost. My purchase price was $1680.00 including the printer and there are several machines available up to $2250 including the printer. One important item when making a purchase is just how much if any software comes with the purchase price. Some come with up to 8 to 10 programs and others come with none, and you have to buy each program separately. Another item is how much training is included with the purchase. I could go on and on but I won't. These are my views on computers for the smaller offices and I want to stress that a computer in a small office doesn't cost, it pays.

Ed. comment. How about doing your column in 36 character width and you'll be the best BS'er in town!

M.L. (no gentleman)

The April 6, 1984 Daily Journal of Commerce, scooped your editor who has been trying to get "Bio" out of Ed. Charles all year. Why? Because he has the best signature I've seen and I wanted to use it in The Predicator with a story about the "hidden artist" within - well Ed is a painter and a good treasurer for Portland Chapter CSI. The DJC didn't mention this so I am going to say that Ed is an artist and his "John Henry" is hereby submitted as proof:

Help Betty Deliver

***Betty Sherman is wearing one of the biggest diamonds I've seen - an engagement type.

Annual Convention

It will be Texas Style of course!
Education Committee by Stan Carper

Portland Chapter CSI will sponsor one more seminar:

May -- Modes of Specifying

Cost:
- $12.50 Non-member
- $10.00 Member
- $5.00 Student

Approximate time: 3:15-5:15 p.m.
preceding chapter meeting

A flyer is inserted in The Predicator this month.

To the Editor

Dear Dick,

Read your column in The Predicator for March - Pasadenae City College has, or did have, a course in Spec Writing - an does or did Washington State University - both taught by CSI members, FCSI in fact.

However - a good spec writer largely comes out of the ranks of architecture and engineering, because of the onslaught of unrelenting technical media bombarding the specification writer - a good background in the business of architecture or engineering is rather essential. A lot of drop-out spec writers can trace their ineffectiveness to a lack of background experience.

This is not to say we shouldn't teach it - but we should teach it saying; "before you can become a well rounded architect or engineer" "you must know about specification writing." Thanks for your thoughts.

Sincerely Rob MacDonald, CCSI
Certified Construction Specifier
16524 S. E. 278th St.
Kent, Washington 98031
Member: Puget Sound and Portland Chapter CSI

P.S. And how about roofing in the curricula? (not very often taught).

The Predator
1125 S.E. Madison, #200
Portland, OR 97214

Address Correction Requested
President's Corner
by Dick Gira

It Has Been a Good Year
Do we have a good chapter? You bet we do, and it can get better!

It all begins and ends with people however. We can plan all sorts of programs, design enticing advertisements, construct efficient specification guides, publish monthly newspapers, and wear our lapel pins and all the rest, but it takes dedicated, cooperative people to make our chapter work.

Fortunately, we are blessed with good people...no, exceptional people. Let's see, how can I be more specific? Let me tell you of a small incident which occurred at the recent Regional Conference in Victoria, British Columbia: one afternoon, just before we all sat down in the Empress hotel Dining Room for lunch and a program, I was informed by Ken Searl that he had just secured a commitment from a professional specifications writer, who lived and worked in Canada, and who had been reading our "Predicator" through the months, to join our Portland Chapter. Just about two seconds later, Lee Kilbourn flashed a membership application and not only did our new member sign the form, but Lee also obtained his dues for our chapter right on the spot. I, as President, could not contain my joy and pride in our Chapter. I asked for permission to speak to the entire conference about Portland's newest member, from the podium, which I did.

Continued on Page 2

June Chapter Meeting
CSI Portland Chapter - 25th Year Anniversary Celebration

On the evening of Tuesday, June 12, 1984, the Portland Chapter of CSI will celebrate its 25th year anniversary at a gala event for past and present members and their guests in the rolling hills near Dundee, Oregon. We will board buses at 5:30 p.m. at Lloyd Center for a short ride to the Knudsen Erath Winery for a summer wine tasting and feast. Before savoring the sweet (or dry) varieties of Kundsen Earth's own wine we will tour the winery facility to experience the wine making process. Those in attendance will be able to purchase wine at considerable discount. The wine tasting will be followed by a delightful dinner and reminiscence about Portland Chapter's first 25 years. Come join in the fun on this joyous occasion. Current members will receive invitations with further details for this event about June 1, 1984. Others interested in joining us, please call 234-1462 for information. R.S.V.P. to the CSI office by June 8, 1984 - 238-1462.

Tabletop Display
June Fun Night - no tabletop display

Thank you for your support and good displays for Fiscal Year 1983 and 1984. Help Betty deliver in Fiscal Year 1984 and 1985 - our 25th year!

25-Year Calendar
June 16-17 National Convention in Dallas

Summer 1984 Planning meetings to "Help Betty Deliver":
1. in-coming and out-going board members/budget
2. past presidents/programs
3. individual committees

August 10-11, 1984 Region Leadership Coordinating Council meeting at Portland, see page 3

September 11, 1984 First Chapter Meeting - mark your 25th year calendar for the second tuesday evening each month.

The above awards, reduced in scale - not in importance - are appreciated by the chapter - and by the person or persons so honored. We thank you all for your help. With a little team effort we can put Portland on the CSI map. The next Region Conference (Tri-Reg) is in Monterey September, 1985 (I repeat - 1985) - mark your calendar. Let's make it a "City of Roses" - "End of the Oregon Trail" - extravaganza for chapter (036). Let's have the next Region Director from our ranks - Bob Klas - see page 3.
President's Corner
by Dick Gira
Continued from Page 1

To some, perhaps, this was a small insignificant incident. To me, it was another delightful episode in the book that I could write about all the hardworking, responsive, creative people it has been my pleasure to work with the past twelve months.

I have called out Ken's and Lee's names but of course I'm talking about all of you... The officers, committee people and of course the membership.

To all the veteran members, I thank you for devoting time and energy to this past years' activities.

To all the new members... I welcome you on behalf of the chapter and encourage you to participate. Jump right in and share in the work and the rewards, which are many... talents and friendliness of your fellow members.

Chapter Meeting Place

As of May 8, I have received 24 replies to my questions about the Thunderbird Restaurant. The tally is:

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<th>Facility</th>
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<th>Poor</th>
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<td>Food</td>
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Special thanks go to Pat O'Brien, Hospitality Chairman, who negotiated the arrangements we enjoy at the Thunderbird. Your $10 buys the following:

Room (3 p.m. - 9 p.m.)
Table Settings
Sit-Down Dinner Service
Gratuities
Podium and Microphone
Chalkboard, Blackboard, etc.

Pat has volunteered to renegotiate our contract with the Thunderbird for next year. Thanks, Pat, for making this part of the load very, very light.

Betty Sherman
President Elect

Board of Directors
Minutes May 8, 1984

Present: Gira, Largent, Townsend, Madrosen, Barker, Carper, Vrla.
NO QUORUM - Meeting was informal.

Minutes of previous meeting were read and approved.

Dick Gira distributed the Treasurer's report, as well as the financial report on the Product Fair. We agreed to table any discussion on these reports until Mr. Charles was available and we had a quorum.

We then discussed the Products Fair and its success. The Chapter came out "in the black" in this endeavor which was gratifying. It appeared there was a favorable response to all facets of the Fair (with the possible exception of the hot dog lunch!). Bruce Townsend and John Barker are in charge of next year's fair and have some good ideas.

We all applauded John's efforts which on occasion took more of his time than he would have wished. Madrosen announced that he is leaving Portland to open a new Plan Center in Sacramento. Good luck John!

Several Ideas were discussed for the June Fun Night. An exciting party can be expected!

Margie Largent displayed the Portland Chapter award for Newsletter Excellence which she received at the recent Regional Conference in Victoria, B.C.

Stan Carper received the Education Award.

Bob Klas was the recipient of the Awards Committee chairing the Awards Committee these past two years.

Also noted was Bob Klas' nomination to run for Professional Region Director.

Dick Gira also discussed the election of new officers which would occur at the evening meeting.

Gira also asked that we wear our pins promoting the Tri-Region Conference next year in California.

Meeting adjourned at 1 p.m.
Respectfully submitted,
Inga Vrla, Secretary

Help Betty Deliver

Portland Chapter, CSI presented its first awards at the 10th annual banquet, Oct. 1970. These included certificates of appreciation to:

- Lowell F. Anderson
- Richard Ehmann, (already FCSI)
- Ken Jones, (recently FCSI)
- Bob Klaw (now FCSI)
- Perky Kilbourn (from Lee as out going president)

Spokane was host to the 1970 Northwest Region (Then Region 12) Conference with Walt Bishop Director.

There was much discussion in 1970-71 about a name change for CSI.

Current By-laws: The president-elect position "Qualifications for office" reads:

- NOMINEES FOR OFFICE OF PRESIDENT-ELECT MUST BE SERVING OR HAVE SERVED ON THE BOARD FOR AT LEAST ONE YEAR TO BE ELIGIBLE.

This needs some study and re-thinking and probably re-wording - unless you want to see much more re-cycling of old presidents, and/or old board members. Some equivalent service to the chapter could possibly be qualification enough?

"From the Membership"

Our President, Dick Gira, gave a program "American Discovers Columbus" (The architecture of Columbus, Ohio) to the Salem Chapter of the AIA on April 24. Dick will give the same program to the Eugene Chapter, AIA, on June 21.

The April '84 issue of "Walls and Ceilings" publication has an article "Do people plaster anymore?" by Dick Gira and a 2nd article - including photographs - by Dick Gira on "Walt Center for the Performing Art."

Byron Jones, a friend and associate of many of our members passed away on May 2, 1984. Byron was 59. Funeral services were held on May 7, at Skyline Funeral Home. He was senior field engineer for the Portland Cement Association.
LEADERSHIP AND COORDINATING CONFERENCE

The Portland Chapter will be hosting the N.W. Region Leadership and Coordinating Council meeting on Friday afternoon, Aug. 10, 1984 and Saturday morning, Aug. 11, 1984. The location will be the Chumaree Rodeway Inn, near the airport at N.E. 82nd and Sandy, Portland. The Inn's toll-free number for reservations is 1-800-248-6273.

Region Conference

The Northwest Region Conference was held in Victoria, B.C. recently. Robert (Bob) Klas of Portland Chapter CSI has been nominated as a candidate for Region Director. The second nominee is John Greiner of Puget Sound Chapter. Bob received a Region Director's Citation for his efforts as Chairman of the Region Awards Committee for the past two years. Bob has really done an excellent job for CSI and Portland Chapter urges you to support Bob for Region Director.

Your editor, Margie Largent, looked extremely proud as she accepted the Region Newsletter Excellence Award at the Region Conference in Victoria, B.C. Also looking proud and happy was Dick Gira, who accepted the Region Education Commendation Award for Stan Carper, Chairman of the Portland Chapter Education Committee.

Other Region Awards were to Spokane Chapter for Chapter Growth and to Willamette Valley, a Publications Commendation Award for Stan Carper, Chairman of the Portland Chapter Education Committee.

DALLAS! CSI CONVENTION JUNE 16-18 1984

Portland Chapter delegates to the National Convention are Betty Sherman, president-elect, Bob Klas (our next Region Director?), and Lee Kilbourn (International) membership Chairman.

Northwest Region

1. Cook Inlet (Anchorage, AK)
   3rd Tuesday of the Month
   6:30 p.m., Anchorage International Inn
2. Idaho (Boise, ID)
   1st Tuesday of the Month
   6:00 p.m., Old World Catering
3. Portland (Oregon)
   2nd Tuesday of the Month
   location varies
4. Puget Sound (Seattle, WA)
   2nd Thursday of the Month
   5:30 p.m., The Canal Rest.
5. Spokane (Washington)
   2nd Thursday of the Month
   5:00 p.m., Rocking Horse
6. Willamette Valley (Eugene, OR)
   Last Thursday of the Month
   Bev's Steak House
7. Mid-year Leadership Conference
   Portland Aug 10-11, 1984
   Chumaree Rodeway Inn
   (1-800-248-6273)
   Bob Klas, Facilities Chair
   503-644-4222

Monterey, California
1985 Tri-Region Conference

Asilomar

ASILOMAR Conference Center (between Pacific Grove and the Pacific Grove gate to 17 mile drive Pebble Beach, California) is the setting for the Tri-Region Conference - our next Region Conference.

Dates: Sept. 5 through 10, 1985.
(Mark this on your calendar)

Estimated Costs: approximately $30.00 to $40.00 per person (including 3 meals) per day - depending upon choice of accommodations.

Portland Chapter will send $5.00 per attendee by Sept. 1984 to hold space. Let Betty hear from you if you think you might be going. You can check in earlier - and/or stay later for the same daily charge if advance notice is given. Watch this corner for more information.

It was rumored at the Victoria Conference that the Hawaii Chapter plans to send the "Official CSI Marching Band". Can we top that? Bet your Dog Sled Cook Inlet?
May Chapter Meeting

bid Night

Contract Documents

As you can see from the above, the May Portland Chapter meeting consisted of preparing a bid on “Betty’s Entertainment Palace”.

Four Contracting Firms (Tables) submitted bids:

Fly by Night Construction Company had the bid with $235,995.50.

LB2 was next with $370,000.00, followed by J. C. Dithers and Co. with $755,000.00.

Higher Bidder was Eight Winds with a bid of $3,000,000.00, though when their “inefficient - inexperienced – in-everything else” secretary finally got all the bids averaged and totaled they realized they would build the building for $370,880.00.

The Architect’s estimate was $445,309.00 which may mean that two of the Construction Firms (Tables) were hungrier than the Architect thought and maybe CSI should build Betty’s Entertainment Palace.

Continued on Page 5
Continued from Page 4

To explain, as soon as dinner was over each Construction firm (Table) was asked to obtain a Bid Bond, which required the signing away of the first born child of all members of the construction firm and then work a bid. At that moment or shortly thereafter the Contractor at the head table (Pat O'Brien) started receiving bids from various subcontractors (Jim Hirte). Each Construction Firm (table) was provided with a pad of paper to copy down subcontractor bids and figure out which one it was going to accept in preparing its general bid.

The conversation between the subcontractors and contractors was very educational, in that the subcontract bids were not just a basic bid but with and without alternates, as well as some changes in what they were bidding. The Construction Firms (Tables) were also given alternatives from the architect and changes in subcontractor bids within the last 10 minutes of when the bids were due.

The names of the subcontractors were fascinating and had been prepared by Pat O'Brien, Jim Hirte, and Denner Lacham, Monday night and the following are a few:

- Thermometer Control Inc.
- Less than Total Mechanical
- Bore Hole Plumbing
- Free Wind Mechanical
- Tin Pipe Air Heat
- Dim-Bulk Electrical
- Square-at-a-time Flooring
- Reflective Pleasures
- J. A. Słyvay Ioneg
- Mess the Mess Painting
- Roll-it-out Floors
- Peaked Industries
- Metal Benders, Inc.
- Drasty Rafter
- Cisco Doors
- Coran Marinear
- Power up electric
- Whack-it Construction
- Bow Wow Fashion Floors
- Cross Wire Company
- Wimmer Oner Mechanical
- Short Circuits Electric
- Stutter Floors
- Ivan Slug Ya Inc.
- Every Professionals Inegma EPI
- See-chu Windows
- Burger Hardware
- Building & Gone
- Acme Hardware
- No Fault Glass & Glazing
- Slick Vision Glass
- Sneddy Roofing
- Fill-in-tight Installers
- Scratchy Insulators
- Nail in Thumib, Inc.
- Acme Brick Installers
- Dig-a-ditch Excavating
- Blockhead Construction
- Messy Slurry Contractors
- Hardrock Cone Construction

Mole Excavating
Poured in Place Concrete
Spade Construction
Have a Hoe Excavating
Flair Woodworking
AA Accessories
Climb-on-us Industries
W. H. Crosslant Company
Leaks Ensured
Jam-it Commercial
AC DC Plaster
Pass Gas HVAC
Pull-Lady Company
Rube Goldberg Carpets
Johnny Nickel Accessories
Slump Masonry
Stick-it-to-them Construction
Quad Interiors
Asbestos Construction
Non-Specialty Woodwork
Rose City Yarning
French-Tintillator Coatings
American Unqualified Products
Pick-a-name Painting
Ovens Cornbelt Acoustical
Jasno

BS by KS
Basic Specs by Ken Searl

Did you notice the last issue of the Predator wherein our fearless editor added a note at the end of the BS column telling me now that I had a computer I should present the BS by KS in 16 columns wide. Maybe she thought that would compress the BS down to a more usable size or else she thought that putting all those BS by KS on floppy disks just bogged the mind. Oh well, as they say in computer jargon or maybe it was Confucious you don't have to be crazy to buy and operate a computer but it helps. Also as one person said after the purchased computer was put in use for the first time after purchasing, it was a sure a lot more friendly at the store.

This issue will be a mish mash of various items. First off have you seen a new product named "Labelon". It is a projection transparencies for xerographic/plain paper copier. These are inexpensive (about 10 cents each) and will copy from most anything directly onto these transparencies at very good quality. Check first, however, to see if your copying machine will handle.

Did you know the Portland Chapter CSI now has a member in Edmonton, Alberta? When we were at the CSI conference in Victoria last week I mentioned to Lee Kibbourn if he had the proper papers to cover this application he could sign up an outside of country member. Well let me tell you this galvanized Lee into action and he got the necessary papers. He also added that a second, Lee doesn't know the meaning of the word fast as when it comes to signing up new members, he is way up above at the table.

Did you know that Paulie was a member in Canada and that he was the job superintendent. Without a good superintendent the project quality can indeed suffer. Work with this person from the very beginning of the project. Get on the job in the early stages and establish quality control procedures. As soon as any work is done that is not considered up to par, voice your concerns at once. Do not wait and hope it will get any better. It may just as easily get worse. On thing that can help is to establish a weekly job meeting with the job superintendent and the major subcontractors. I suggest that both the owner and the architect take a more active role in the selection of the superintendent. Some project manuals require the project superintendent to be listed on the bid form.

There are other items to consider but they usually involve increased liability but it seems to me some additional liability in obtaining a good superintendent outweighs what can happen to a project with bad supervision.

I am glad to hear that people read the Predictor. One fellow called me and asked what brand of computer and type and what else did I have to say. How you all know I hardly ever have anything to say. Ha!

Please be advised that the above was not retyped - the above is the way your editor received it.

ASTM Standards for Floor Surface Flatness to be Written

* "A set of standards of floor flatness specifications exist in the U.S. according to AIA, the American Institute of Architects." ASTM Committee E-0 on Performance of Building Construction and its Subcommittee E06.21 (that was organized to study standards for floor surface tolerances, now that it is been adopted).

This problem promoted ASTM Committee E-06.21 on Performance of Building Construction and its Subcommittee E06.21 on Serviceability, to organize a task group to study standards for floor surface tolerances. The standard test method proposed by Task Group E06.21 will be influenced by use in evaluating floor flatness. It will complement actively both the American Concrete Institute and Industry, and it will be adopted by each of these groups.

For more information, contact:

ASTM Standards Development Division, 1916 Race Street, Philadelphia, Pennsylvania 19103

The next meeting will be held in November, 1984 at the American Institute of Architects, 1916 Race Street, Philadelphia, Pennsylvania 19103.

The Bob Klas received one of the Region Director's citations for his efforts as Region Awards Chairman.
Education Committee
by Stan Carper

I would like to thank the Educational Committee members Janelle Chorzempa, Bill Lloyd, Rod Mooreman, and Gary Zagelow for getting the job done! We had a very successful year with our six seminars. As most people know (or found out if they attended the seminars) the Mt. Hood Community College architectural students attended the majority of our seminars. We plan to have them in attendance this year also. Thank you CSI members and nonmembers who supported and attended our seminars!

Sincerely, Stan Carper, Education Chairman

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