MEMBER AWARENESS

of the 23 awards given in the annual competition (116 judged) top multiple-award winner is LEE KILBOURN Portland, Oregon.

Category B—Public Buildings Honorable Mention

Category C—Commercial Buildings Honorable Mention

Category D—Institutional Honor Award

Category G—Industrial Honorable Mention

LEE has won every year since 1974

PAUL EDLUND Eugene Or won Honorable Mention in Category A—giving Oregon 5 of the 23 given nation-wide 22% for the Northwestern Region CSI

+++ 

LARRY BROWN FCSI ’78 congratulations! Vice President Larry says in his institute report that we need better prepared leaders—and lists some prerequisites for leadership—WORK WORK WORK —And Larry asks for men of perseverance with common sense. Larry has worked for his fellowship which was invested at the president’s banquet in San Antonio.

Alan Larry Brown Named Fellow

Alan Larry Brown was invested as a Fellow of The Construction Specifications Institute during ceremonies June 21 at the CSI Convention in San Antonio. Brown, an industry member of the Portland Chapter, is an architect-service specialist roofing/caling. Materials Manufacturing Co., Owens-Corning Fiberglass Corp. He is currently serving as a vice president of the Institute. He served the Institute as member Technical Documents Committee 1969-70. In Region activities he acted as co-chairman of the Inter-Chapter Ad Hoc meeting in 1972, and served as Region Director’s Appointee to New Chapter Formation in 1971. His chapter activities began in 1964 when he joined CSI. From 1965-74 he served as a delegate to region conferences.

continued p. 3

PRESIDENTS COLUMN BOB KLAS

As we begin a new season of CSI activities it seems appropriate to share a few impressions of the Twenty-Second Annual Convention in San Antonio, held June 18th thru 21st.

The Portland Chapter was represented by Mary Alice Hutchins, Larry Arnold, The Kilbourn Family, Mr. & Mrs. Rod Moorman, Mr. & Mrs. Ken Searl, Mr. & Mrs. Robert Stroker, Mr. & Mrs. Gordon Todd, The Don Walton Family, The Larry Brown Family, and The Klas Family.

Although it was entirely too hot outdoors and too cold in the air conditioning for this Oregonian, San Antonio is an unparalleled city for conventions. The local calendar is booked every week from large gatherings like the National VFW, with 3000 estimated attendance, to small groups to 200 to 300. The estimated attendance of the CSI convention was close to 4000. These statistics cause me to wonder why people ask what CSI means.

The convention scheduled 3 days of morning and afternoon technical sessions with the midday reserved for viewing exhibits. Ten hours were allocated to view over 210 individual exhibits. A body had to keep moving to find out what was happening in the industry.

continued p. 2

B.S. by K.S.

There are now seven certified construction specifiers in the Portland Chapter, six by way of taking a test (six of our members took the test on April Fool’s Day and by golly all passed) and one by the Grandfather’s Clause. I understand there will be one or two more entries in our chapter under the Grandfather’s Clause. In fact, Mary Alice Hutchins was telling me she was thinking of applying. If she did apply and is accepted, does that put her under a Grandmother’s Clause? ERA look out.

Hope you all had a enjoyable summer out there. Lots of happenings are being planned for our chapter in the forthcoming months. Keep your eyes open for what’s coming up

continued p. 4

CALENDAR

(Mark Your Calendar)

SEPTEMBER PROGRAM

WHAT IS STATE LAND USE PLANNING DOING TO THE CONSTRUCTION INDUSTRY?

— a forecast by Victor Atiyeh, Senator from Beaverton.

Date September 12, 1978

Place Mallory Hotel 729 SW 15th

Time 5:30 social hour

6:30 dinner $6.50 inc grat

7:30 program

Reservations Yes, call CSI office 233-8231 Janet No later than noon Sept. 11

Remember you are welcome to come to the program only. A seating break is scheduled for 7:20 pm

A SUMMER PICNIC

Date September 10

Time Noon to 6:00 pm

Place Champoeg State Park =3 Oak Grove area. Shelter nearby

Bring Family, food, table service, (beer and pop provided), wood (fireplaces provided), gear for volleyball, soccer, badminton, etc. incl bicycles

RSVP By Sept. 5

Mary Ann Klas — 646-1676

Joy Moorman — 284-8822

Perry Kilbourn — 244-1778

UP COMING EVENTS

Chapter Board Meetings Thursday noon following chapter meeting at CSI office Open (Thursday following second Tues)

Region Administrative Meeting

Date October 20, 1978 SeaTac

Hyatt HS

Region Conference April 1979

Orcas Island, San Juan Islands, WM National CSI Convention June 1979

Cincinnati, Ohio

SCHEDULE ’78-’79

Our Twentieth Year

see page 3 col. 3
Board of Directors Meeting — June 15, 1978

The meeting was called to order at 12:05 by President Bob Klas with the following people in attendance: Ashton Eggleston, Jones Kilbourn, Largent Lundy, Moorman, Murphy, Samuel Sampier & Seeley.

Minutes of the May Board meeting were read and corrections were as follows: Paul Edlund is from Eugene and not Seattle — Treasurer Don Ashton's report was a preliminary report only.

Correspondence: A thank you note from Bev Simon was read and noted. continued p. 7

The Masonry Institute of Oregon has appointed Mr. Thomas C. Young as Executive Director. Mr. Young has worked in the masonry industry for the past six years. This experience includes three years as Director of the Arizona Masonry Guild and three years as General Sales Manager for Superlite Builders Supply, a concrete block manufacturer.

Tom graduated from the University of Utah with a Bachelors Degree in Civil Engineering. He is a member of the Structural Engineers Association and the Construction Specifications Institute.

If you have a question concerning any type of masonry construction, call 224-1940. If the answer isn't at our fingertips, we'll get it for you.

---

OUR MEXICO CITY TRIP AFTER THE CONVENTION IN SAN ANTONIO OR A TALE OF ONE CITY.

Our Portland group consisted of eleven persons who journeyed on to Mexico City for a four-day visit. After talking to the rest of the gang the consensus of opinion was that we all had a very good time and had a lot of interesting happenings.

To start off, Wilma Seale and Larry Arnold both bought pinatass at San Antonio and hauled the blamed things down to Mexico City and then clear back to Portland. Some people will do anything to get something unusual back home. Mary Alice Hutchins was the first one to climb one of the pyramids and that takes some doing at an elevation of over 7,500 feet above sea level. One thing we all learned is that you can't out-barter a local street vendor. Don Walton and Ken Seale haggled with a local street vendor over the price of some bracelets. Don got the guy clear down to seven dollars from an original eighteen dollars so they bought four bracelets. Well, you guessed it! The next day we stopped at a government gift shop and yes, they were selling them there for four dollars. Bob Klas and his family soon learned when you cross Reforma Boulevard you run like hell if you are not at an intersection because the drivers get points for hitting pedestrians. Also, Mexican drivers either don't have turn signals on their vehicles or they don't bother to use them. Some of the drivers there drive very fast. Helen Strickler had her eyes covered up half the time on the way back to the airport. One thing, though, with Larry Brown in our crowd we did not meet any Mexicans who tried to intimidate us. The weather was very nice and we all enjoyed ourselves very much and none of us got Montezumas Revenge of the Aztec Two-Step. However, those natives down there did charge us 100 pesos for a departure tax so if we had any money left, they grabbed it at the airport. Oh!

Report of the Secretary

George S. George, FCSI

As of this writing in mid May, Institute membership has passed the 11,400 mark and by the end of the fiscal year on June 30, 1978, a new record is expected to have been established with some 11,600 members. Currently the ratios of membership by classifications are: Professional — 51.1%, Industry — 42.5%, Junior — 1.1%, and Student — 5.3%.

There are 134 CSI chapters.

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PRESIDENTS COL. (cont'd.)

The technical sessions were varied and interesting, presenting the owners, designers, suppliers and contractors point of view. They began with a fine talk on retention and other concerns by Mr. McNeel Stokes attorney who is participating in historic decisions before the Supreme Court. A number of sessions focused on government involvement in the construction industry — a subject to which we should all give very careful attention.

The role and future of CSI was discussed at length — including very interesting presentations on automated specification writing and information retrieval.

The Chapter President's meeting gives one a feeling how Chapters around the country are functioning. Some including the Portland Chapter, are better than others, but we all have similar problems — attendance and membership involvement. We are all striving to improve the quality of our activities. Please share any ideas you may have.

The Annual Business Meeting rejected three resolutions.

That Chapter affiliation should be required for all members within 50 miles of a Chapter.

That the designation of industry membership should be changed to technical member.

That more signatures should be required to nominate a person by petition for National office.

I came away from that meeting with a feeling that the membership can usually be counted upon to select the best course, the discussion is such that a good idea will eventually prevail and a poor idea will fail.

While we sometimes think that easteners do not pay enough attention to us out here west of Illinois, Larry Brown's advancement to Fellowship and Lee Kilbourn's 4 specification competition awards, gave the Portland Chapter its share of recognition.

Perhaps the nicest part of the convention was meeting and sharing ideas with people from all over the country. One really gets a feeling for the state of the industry, and what CSI is all about. The people of San Antonio were delightful, interesting and genuinely concerned about improving the standards of our art and industry. My personal observation is that anyone not up to the above standards would probably be uninterested in CSI.
ANNUAL MEETING — DOCKSIDE

Membership increased from 137 to 185 reported Hunt Jones; membership chms. 78 and live new members were introduced

AWARDS were numerous —

* 1 each to Don Eggelston & Joe Healy for Products Fair (See p. 4 June Predator)

* Marge Largent — award for the successful 78 region conference at Timberline Lodge

* Don Ashton — award for his work as treasurer

* Larry Arnold — award from the chapter for his work as president — plus a special recognition from the institute for chapter presidency

* High order of the Green Weenee — A special high honor bestowed (for the first time) upon three worthy recipients Ken Searl, Tom Shea, and Lee K

* Presentation of Mrs. Robert Klas of two ample doses of “patience” and “understanding” — in the form of gallon jugs of colored liquid (water?) to bear her up during the coming year

* Lee Kilbourn — award for his continued contribution to the technical documents committee

Following the business meeting dockside the Willamette Pacific a former Coast Guard cutter owned and made available to us through the “Willamette Western Corporation” hospitality Mr. Jack A. Trachsel our host, gave those attending a brief history of the 1914 vessel

The caterers made ready a dinner of ribs, roast beef and chicken with salads, cheese cake and fellowship — as we sailed south toward Lake Oswego and returned at dusk

But the evening was the highlight of the year and we thank Mr. Trachsel and Willamette Western Corp.

LARRY BROWN FCSI cont.

SCHEDULE OF EVENTS

1978-1979 nur twentieth yr. integrity in construction

OCTOBER 10 program FIRE! Code Interpretations; Design Considerations Coordinator Don Walton, CSI

NOVEMBER 14 program PAINTING Problems in Specifying and Bidding — Colors? Coordinator Gordon Van Antwerp

DECEMBER 12 program ENERGY Codes, Regulations, Applications, Specs

JANUARY 9 program HARDWARE Unlocking the Mysteries of Finish Hardware Coordinator Ken Searl, CSI

FEBRUARY 13 program HAZARDS to the Worker. Specifying, Liability, etc

MARCH 13 program MOISTURE CONTROL

APRIL 10 program PRODUCTS Legal Aspects

MAY 8 program DESIGN — BUILD

JUNE 12 program OWNER Looks at Specs.

Watch this column for changes & additions. Let the editor know of coming events

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One thing our chapter is doing is that we have a committee going to produce a page format for recommended use in the Portland area and elsewhere hopefully. When we were at our last snow bound Regional Conference in April at Mount Hood, Oregon, one consulting engineer from Spokane or Seattle stated that he had to write his specifications 27 different ways to suit 27 different architects all claiming to be using the CSI page format. Well by golly, this statement really grabbed several of us here in the Portland area and a decision was made to try to do something about this situation. A page format committee was formed and has met once prior to writing of this article and it was decided that at that time it was impractical to come up with a complete page format that would satisfy everyone so it was decided that the recommended format would exclude the page headings and information at the bottom. It was discovered that typists do not like to worry about information at the bottom of the page being in the exact same position each time. Now if you are using a computer version or CRT automated specs this item is not important but for those offices typing their own specifications it is most important. At the next meeting of the page format committee a suggested page format sample will be presented and that if accepted by the committee then copies will be sent to all listed architectural firms specification writers, and consulting firms in our area for review and comments. It is noted that this suggested format will be patterned after the CSI suggested page format as close as possible. If any of you out there have any suggestions or input on page formats, stand up and let us hear from you.

JANET HILL — our new CSI office helper and assistant to AIA’s new Chapter Executive. (Bev is home after a wonderful trip to Europe.)

Janet is a native of Portland, Oregon and was graduated in 1975 from Oregon State University in Home Economics-Interior Design.

MEMBERSHIP ADDITIONS Clip & Paste in CSI Directory

Verill H. Friedrichsen
(Industry) 3249 N W 29th Avenue
Portland, Oregon 97210
Frazee’s Creative Wallcoverings
226-6793

Raymond S. Smith
(Professional) Stevens, Thompson and Runyan, Inc
5505 S E Milwaukee Avenue
Portland, Oregon 97202
234-0721

Thomas F. Benz
(Industry) Benz Air Conditioning
3822 SW Corbett
Portland, Oregon 97201
228-7296

J S Beukema
(Industry) Armstrong Cork Co
9040 S W Olson
Portland, Oregon 97223
234-0281

Bruce Purdy
(Industry) 16600 S W 72nd
Portland, Oregon 97223
E P I 620-1920

T L Kimmell
(Professional) Mechanical Engineers
10615 S E Cherry Blossom Dr
Portland, Oregon 97216
252-2434

NEWS FLASH!
Your President-Bob Klas, your editor-Margie Largent, your columnist-Ken Searl attended the Willamette Valley CSI chapter meeting — Thurs July 27 A good program on ROOFING and some discussion of the 1980 Northwest Region Conference (host chapter W V) to be at the Embarcadero at Newport, OR Approx dates — April 18, 19, 20 which is also the anniversary of the San Francisco Earthquake!

BS BY KS (cont’d.)

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MUTUAL MATERIALS
Regard to all — Jesse Wilkins,
Director N.W. Region

If I learned nothing else by going to San
Antonio, I now know that it gets HOT
in Texas! Those N.W. Region members
that attended the Convention will attest
to being in one of the most uncomfortable
places in the whole world. I am
sure.

While the weather was hot, the meet­ings
were not. The Informal Board Meet­ing
held Friday evening, June 16, was
tame and short. The Board Meeting held
Saturday, June 17, was the shortest
Board Meeting I have attended — lasting
just a bit over three hours.

Items discussed at the Board Meeting
and decisions made were as follows:

1. At the February Board Meeting a
motion to approve a study to iden­tify
anticipated problems and trends in the
construction industry through 1990
and that the Board authorize
acceptance of financial participation
from other nonprofit organizations,
sharing appropriate recognition,
with the understanding that CSI in
any instance would retain primary
control and direction of the re­search
was postponed until the June meeting.

At the March 18, 1978, Executive
Committee Meeting CSI President
Sams reported that he has accepted
CSR's offer to conduct said study
to make all research reports and
findings available to CSI without
charge other than routine adminis­trative support while the project is
in progress. The Executive Commit­tee
supported the President's deci­sion.

The postponed motion before the
Board was withdrawn in light of the
action taken by the Excom.

2. The Board appointed William R.
Mincks as the Industry N.W. Region
Director to fill the unexpired term of
K. Richard White.

3. The Board ratified the FY 1979 Insti­
tute Budget.

4. The Board ratified FY 1979 Institute
standing committee appointments.

5. The Board approved the selection of
Denver for the 1987 convention and
Indianapolis for the 1988 conven­tion.

6. The Board re-established an annual
Institute Awards Committee Meet­ing.
This committee had been accomplishing their work by mail and
telephone, a very difficult thing to do
properly.

7. A recommendation regarding the Cal
Poly Pomona Student Chapter was
withdrawn to enable action as re­quired
by the Bylaws and subsequent consideration by the Board.

8. The Board approved a recommen­
dation to amend the Rules of the
Board Art 7 para H by inserting
the word 'continuous' referring to
the service required to be eligible to
receive a membership chevron as
produced by the Puget Sound Chapter.

9. New Business Items

a. The incoming Convention Com­mittee was requested to consider
including more programs for the
Industry Members. It was also
requested that more programs for
the Industry Member be provided
educationally and technically.

b. It was requested that considera­tion be given to allowing the
Board Member selected by the
Regional Directors as the moder­ator
of their informal Meeting to attend the Executive Meeting
held the day of the Informal
Meeting.

William R. Mincks, Region Director
(Industry) Construction Specifications
Institute. Finishing Term for Richard
White. Spokane Bill is a partner in
Mincks Construction Company W.
1712 — 14th Avenue. Spokane Wash­ington 99204 and has a B.S. in Build­ing Theory and Practice (Construction
Management). Washington State Uni­versity 1971

He has been an Industry Member. Spok­ane Chapter C S I. Since March 1973

Chapter Activities

Vice President/Program 1974-75
Board Member/Technical 1975-76
Treasurer 1976-77
Secretary/Membership 1977-78

Chapter Awards

Presidents Award 1975
Presidents Award 1977

Regional Conferences

February, President's Meeting Portland 1976
Region Conference, Seattle, Delegate 1977
(Spring) Region Conference, Spokane,
Delegate 1977
October, Coordinating Council Meeting,
Seattle 1977
Spring Region Conference, Portland,
Delegate 1978
Coordinating Council 1978
Screening Committee Member 1978

Institute Conventions

Delegate, Portland 1974
Delegate, Denver 1977

After 20 Yrs.

The Construction Specifications
Institute

Portland Chapter's History Review
First meeting was in 1959 with the
first draft of the Chapter Bylaws dated
April 2, 1959. Apparently the first
chapter meeting was held in the month
of June 1959. Twenty people. This Chapter was the sixth on the
west coast. First Chapter Bulletin which
appeared on a single sheet of pale green
paper announced that monthly meet­ings
would be held at the NECA Build­ing,
1873 S.W. Sixth Avenue. Now dis­mOlished. First Chapter President was
Lowell Anderson, Vice President Ralph
Applaman and James Hickey. Treasurer
In November of 1959 "The Predica­tor" Newsletter first appeared. Attend­ance listed twenty five at the December
1959 meeting.

cont'd. on page 6
In January 1960 the Chapter was still operating without a charter from the National CSI. In fact, it was a year before a charter was received. It was in 1960 that a regional organization was established with at least one meeting to be held each year. During these early years, the CSI format was still being kick around. In fact, the Puget Sound Chapter proposed a 19 Division Format.

The Chapter finally received its charter and settled down to business including contributing several major technical studies. Meetings were now being held in the NECA Building at 4343 S W Corbett.

In 1965 Portland hosted a Regional Meeting with Spokane, Puget Sound and Willamette Valley Chapters attending.

It is interesting to note that the charge for this one-day conference was $2.50 per person. Also in 1965 a new format was developed for "The Predator" and it was now a four-page publication complete with paid advertisements. In 1965 dues were $25.00 a year for National plus Local. Joe Gascoine was appointed Executive Director of the Construction Specifications Institute.

In May of 1966, by a vote of 18 to 6 in favor, the Chapter voted to present a bid to sponsor the 1974 National CSI Convention in Portland. This was accepted by the Institute and from that moment on there was a lot of scurrying and planning until Convention was over.

Dick Ehmann was the Regional Director during these years. Meeting place for Chapter is listed as Pardue Building, 3607 S W Corbett. However, during October 1966 Chapter meetings were moved to NECA's new building at 801 N E Everett across Sullivan's Gulch from Sears. In late 1966 or early 1967 Chapter was incorporated under the laws of the State of Oregon.

In 1967 Regional Conference Guidelines were established. Also, the Fourth Annual Region 12 Conference was held in Seattle for three days in lieu of one day. Donald Kroeker was elevated to fellowship in the American Society of Mechanical Engineers. It is also noted that membership was growing and Chapter meetings were now around forty people.

In 1968 membership of CSI nationally had grown to 10,000 with 99 Chapters. Dick Ehmann was nominated and elected to the office of Institute Vice President.

In 1969 Portland Chapter hosted the Sixth Annual Region 12 Conference at the Cosmopolitan Hotel in Portland with 115 people in attendance at Friday Night Banquet Regional Conference Guidelines were revised this year. It is noted that during this year that motions were made to eliminate Section Director and have a Region Director and an Assistant Director. Dick Ehmann was nominated to receive a fellowship and he received it at the CSI National Convention held in Houston. Dick is Oregon's and Portland's First Fellow in the Institute. This year 1969 also marked revision and improvement of "The Predator".

1970 - By now, "The Predator" has grown to eight pages. This is the second year that Producers Council and CSI hosted a joint meeting at the Roaring Twenties Room of the Hoyt Hotel. In 1970 General Appearance and Format of "The Predator" was revised. A Chapter Tenth Anniversary was celebrated with a banquet in the Hoyt Hotel.

1971 - Lots of flak back and forth local and national to change the name CSI to something else but it was just flak and died a natural death. This year brought out such items as scope of fast-tracking construction management, and other new items were covered in Chapter meetings. Chapter dues were raised to $20.00 and our membership had grown to 111.

1972 - It was during this year that our local Chapter established an office complete with telephone at the local AIA office in the Dekum Building, Portland. Also by this time a yearly President Meeting was being held in the region with all regional Chapter Presidents in attendance. Current membership this year increased to 129 members with a fiscal year budget up from very little in 1959 to $4,650.00. This year we have our first Member Emeritus. Al Hansen, formerly with the Northwest Plaster Bureau.

1973 brought about a revised "Predator" in bright colors, better printing, and various other changes. In 1973 our Chapter judged the National Specification Competition which was quite a large order with meetings for five Saturdays in a row. Also, many preparations were going on for the 1974 National Convention to be held in Portland.

In 1974 our "Predator" publication won a National Award. Chapter budget went up to $5,719.00. Partially due to National Convention. The 1974 National Convention was a great success. Our Chapter presented Myrtlewood Perfume Decanters to all ladies who attended the Convention. 1974 also found the "Predator" being revised with six to eight pages of publications. This year brought about the change of meetings from the NECA Building to dinner meetings scheduled at cafes. Host Reg 12 conference.

1975 — This is the first year our Chapter presented a Products Fair which was successful. 1975 was also the first year we attended a Regional Conference at Anchorage, Alaska, and our Predator won another award. Our Chapter also has been working on a standard substitution request form.

1976 saw a continuation of our yearly products fair. Our substitution request form finally finished and now adopted by many specification writers and suppliers. We held our first Specification Seminar in Portland with Hans Meier as our main speaker. Our Chapter was requested by Portland Mayor Goldschmidt's office to host and guide four Japanese business men through several roofing manufacturing plants and warehouses. Ken Searl and Larry Arnold escorted these business men on a two-day tour. This year we had our second member Emeritus Mr. Don Kroeker.

1977 marked the first year our Chapter President was a lady, an Architect from Lake Oswego. 1977 also marked the year that a program was initiated to certify specification writers to be put in action next year beginning with tests. Larry Brown of the Portland Chapter was elected an Institute Vice President. Our membership is now 170, and our yearly budget is $17,650.00. Dexter Walter, treasurer, started a new bookkeeping system, we established a CSI library at the CSI-AIA office, purchased a tape recorder, conducted a very successful specification seminar.

1978 Portland hosted the Northwest Region Conference at Timberline lodge. Our theme BLOWING IN THE WIND was so prophetic we had a blizzard. Larry Arnold, outgoing President was appointed to participating member of the education committee.

1979 watch for our 20th party!
BOARD MEETING cont.

Treasurer's Report - Don Ashton presented a complete financial report for the period ending April 30, 1978 (10 months F Y). After review, motion was made, seconded, and passed to accept his report.

Technical - Lee Kalbourn had a special order of business regarding the master list of section titles and numbers. After discussion on whether we sell them or subsidize part of the cost was tabled until our September meeting. However, approval was given to Lee to have 25 copies printed.

Program - Rod Moorman reported on the questionnaire which was printed in the May Predator on Program Preference. The dinner meeting was the most desirable. There were three entries on the Program Suggestions Contest: Al Stahl - Basic to Basics E V T Specifications, N R C A Slide Tape, Margie Largent - How the State Manages Construction Role in State Construction; W R Graham - Pole Buildings/Glue Lam Design Specifications. Margie's suggested program was voted the winner and Margie will receive a pocket calculator.

Membership - Les Seeley reported four new applicants totaling 189 members. Motion was made by Rod Moorman, seconded and passed to give Past President Larry Arnold the opportunity to withdraw his generous offer made to the Board that he buys lunch for every Board Member who brings in more now applications than he. Due to Larry's efforts, the Board will buy his lunch. (Too bad he wasn't able to join us for the lunch he bought us at the June Board meeting.)

Hospitality - Pat Murphy offered many suggestions and ideas on how to encourage members to attend the chapter meetings.

Publicity - Bill Samuels reported his committee will announce the programs at the Chapter meeting and encourage each member to bring non-members to the next meeting. The Board discussed a traveling slide presentation to sell C S I to schools and agencies. After discussion it was tabled until a later date.

President Klas announced that the spouses would like to have a summer outing. Motion was made, seconded and passed and a notice will be mailed out announcing when and where.

Tod Lundy announced he will not be able to accept the office of President Elect due to unforeseen circumstances.

The meeting on motion adjourned at 1:35 P M.

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OCTOBER 16-17, 1978

Monday & Tuesday

Portland

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College of Business Administration
University of Oregon
Eugene, Oregon 97403
to the editor

Dear Marge

The CSI Certification program has received much publicity both nationally and locally. Ivan McCormick made a few reflections of the examination taken by live members of the Portland Chapter in the May issue of the Predator.

I think it would be of general interest to the membership and perhaps of personal interest to those individuals involved to see in print the names of those members who have been successful in meeting the requirements prescribed by the CSI Board of Examiners and who have become Certified Construction Specifiers.

In this regard, I have just received notice from Hans Meier, Chairman CSI Board of Examiners, that I have met all prescribed requirements of the certification program and will soon receive my certificate. A copy of Mr. Meier's letter is enclosed.

As Specifications Specialist for Portland Public Schools I am required to review and pass judgement on many specifications submitted to the District every year by various architectural firms in this area. It may be beneficial to all concerned if these very same architects were aware that I have proven my qualifications for the position I enjoy with Portland Public Schools.

I offer the above for your information and use as you see fit.

The best of luck to you as editor of the Predator.

Sincerely yours,

Andrew B. Olson
Specifications Specialist

editors remarks

Congratulations Andy! The Portland members who took the certification exam and have been informed of their success are Ken Searl, Lee Killbourn, John Gatewood, Jim Wright, Ivan McCormick, Stan Nelson.

BEING EDITOR IS NOT A ONE MAN JOB!

Deadline for material for The Predator — Friday following the second Tuesday of each month. Please be generous with your articles — typed 36 characters wide — but please be prompt!

HELP WANTED!

Immediate opening for vice-editor as assistant editor, intern editor, apprentice editor, editor-elect — or flunky editor.

TIME consuming. REWARDS dead or alive if any of these openings appeal to you please call the editor (636-6977) after 10:00 am — and before January 31st.

our President says — chapter meetings are to end promptly at 9:30 pm.

DON'T let your membership lapse! You'll miss us! We'll miss you! It is difficult to straighten out the computer if you are late with your dues.

SUBSCRIPTIONS NOW AVAILABLE!

Send THE PREDICATOR to your out-of-state friends or suppliers $2.50 per year will send me to two or three people in the North American continent.

Call Ken Searl if you want to know more about subscriptions (233-1181).

construction specifications institute, portland chapter

the predator

Margie Largent, Editor
15800 S.W. Boones Ferry Rd.
Lake Oswego, Oregon 97034
636-6977
Better than code — When? Always!

J F McPARTLAND, Editorial Director
Electrical Construction Communications Center
June ' 78 Reprint with approval

For many months now, our magazine has been giving voluminous coverage to the scope and detail of changes in the 1978 National Electrical Code. As a measure of our commitment to the vital role that the great NE Code plays in electrical work, it has long been this magazine’s policy to fully and thoroughly analyze each new edition of the code. But each new NE Code edition also should motivate all of us in the electrical industry to focus clearly on another vital — but often overlooked — reality about the code; the NE Code is nothing more than the foundation upon which modern, efficient, convenient, and flexible electrical systems are built.

As the NE Code says in its own Section 90-1(b). This code contains provisions considered necessary for safety. In effect, they’re saying, “Put in a system that just meets code rules and all you have is a system that is essentially free from hazards.” The system may not operate reliably, it may be horrendously inefficient, it may be uneconomical, it may actually be completely ineffective in serving the user’s needs. We should never lose sight of this critical limitation: the only purpose of the code is to safeguard persons and property from electrical hazards. Code rules are not formulated to assure an electrical system of any necessary or desirable characteristics other than safety. And that reality must constantly be factored into application of all code regulations.

The art and science of electrical design must, of course, conform to the NE Code — but only as a set of fundamental standards. Such code rules that establish minimum required ampacities of conductors, maximum circuit loadings and maximum or minimum ratings of protective devices are not to be honored as designating optimum conditions. Sizing, loading, and protection of all system components must be based on the whole spectrum of real and important considerations that the mandatory rules of the NE Code totally ignore — such as voltage drop, conductor power losses, circuit interruptions, and reliability.

Gordon A. Morterud, Chief, Portland Bureau of Fire was appointed Chief on February 1, 1975, and charged with the administration of a $19 million budget and the responsibility for the operation of 29 fire stations, 663 personnel, and providing fire suppression, prevention, and other emergency services for an area of nearly 100 square miles.

Chief Morterud started his career in the Fire Bureau in 1941 and has held the positions of Fire Fighter, Lieutenant, Captain, Battalion Chief, Chief Training Officer, and Assistant Chief. As Assistant Chief he played a major administrative role in helping the Bureau to attain one of the nation’s highest fire defense system ratings.

In addition to having instructed fire service management courses at Portland Community College and having served as Chairman of the College’s Advisory Board on Fire Service Education, he has also taught fire service subjects for the State Department of Vocational Education. In 1960, he received a Certificate of Merit from the Portland City Council for his outstanding contribution to fire service education in the community.

Francis Sargant, Fire Marshall

CALENDAR
(Mark Your Calendar)

OCTOBER PROGRAM

FIRE CODES — As they relate to plans and specifications processing, construction and use of new and recycled buildings

DATE Oct 10, 1978
PLACE Osbecks Rose Manor Inn
TIME 5:30 Social
6:30 Dinner
7:30 Program
COORDINATOR Don Walton, CSI. Will introduce
SPEAKERS Gordon Morterud & Francis Sargant
GUEST Jess Wilkins, Region Director

BUSINESS New member pins & by laws election

DON WALTON, CSI, Western Regional Manager, Modernfold Northwest and 1974-76 Editor of THE PREDICATOR

UP COMING EVENTS

Chapter Board Meetings Thursday noon following chapter meeting — at CSI office Open
(Thursday following second Tues)
Region Administrative Meeting
Date October 20, 1978 Seattle
Call Ken Searl for information
Seminar Division 1, Feb 23, 24
Products Fair, Coliseum, April
Region Conference April 1979 Orcas Island, San Juan Islands, WM
National CSI Convention June, 1979 Cincinnati, Ohio
**PRESIDENT'S COLUMN Bob Klas**

As The Portland Chapter lurches into its twentieth year it is time to review some of the activities planned by the committee and the Board of Directors.

The Predictor will continue to be a first-rate chapter publication. Under the guidance of Margie Largent, it will be published the first week of every month.

An interesting group of Chapter Meeting programs has been selected for the year (from subjects of general interest to programs about specific divisions) organized by Rod Mcroan. Individual coordinators are being selected for each program. With the resulting lead time and variety of input, the quality of our programs will continue to improve.

Meeting places are being selected to satisfy as many members as possible.

Don Egleston and his committee are planning an even larger Products Fair Negotiations are underway for the Memorial Coliseum in mid-April. It will be a major event with improved facilities and catering services.

Dennis Obert and the Education Committee are developing ideas for short, seminar type sessions on technical subjects (perhaps in conjunction with other meetings), and a study group for the certification exam. In addition, the Portland Chapter is fortunate in being able to sponsor a major seminar on Division 1 in the early spring. It will be for the entire Northwest Region. Our Chapter Fellows, Dick Erhmann, and Larry Brown will be Co-Chairmen, and the Seminar will be presented by individuals of national stature.

The Technical Committee, chaired by Lee Kilbourn, will be involved in a number of activities. We will continue to contribute to the Institute Technical Aid Series. At the chapter level the Substitution Request Form will be re-evaluated to make it more usable. Formats for Divisions 15 and 16 are being standardized, and a Change Order Request Form will be studied. There is also discussion about analyzing the published specification monographs to make some of them current and applicable to local conditions.

Editorial limitations have caused me to list only the activities that have direct impact on all the members. I have not named a large number of people who are working hard on these and many other committees. The ideas and efforts of these people make me feel good about the coming year. Of course, we need to have that sixth sense to keep our acts together and most important, we need the participation and ideas of all the members. Perhaps this has a familiar ring, but I am going to say it once again. Call me with your ideas.

**Code - from p. 1**

Losses, power factor, adequate spare capacity for load growth, premature thermal damage, equipment efficiencies, system adaptability and flexibility to accommodate alterations and expansion, effective maintenance for long and reliable system operation, the economic needs or demands of each particular system. And electrical design must always strive to incorporate great imagination and innovation in electrical circuit theory and application — an area where the NE Code contributes nothing at all.

In the construction and installation of electrical systems it is, of course, absolutely essential to know the zillion-and-one code rules that set minimum requirements and dimensions on hanging, supporting, clamping, drilling, sizing, spacing, connecting — and all of the other listings and hardware aspects of what has been called the plumbing side of electrical work. But it should always be the electrical men's concern to know where and how to exceed those minimum regulations to do a better job, to give greater value to the customer. Like when raceways, outlet boxes, pullboxes, and other enclosures are oversized to provide faster, easier conductor installation and to assure ready circuit changes or additions at a later date. Or when stranded branch-circuit wires are used in raceways to provide easy rewiring where it is known there will be frequent circuit alterations. Or when circuit conductors are tied in bundles for ready identification in equipment toppers and boxes. Or when arc-proofing tape is used on feeder groups in pullboxes to isolate each feeder from an arc-fault in another feeder. Or when — we could go on and on. But you know the point. A real craftsman does every job the way it should be done, is not concerned with what he "can get away with," and is able to sell the difference to his customers.

Probably the greatest area for better-than-code application is that of products — the staggering array of components that go into the construction of every electrical system. The NE Code simply says, although the code rule in Section 110-2 waives on this, everything used in an electrical system has to be "approved" — which wherever possible, means third-party certified, such as by UL, Factory Mutual, ETL, etc. And from a practical standpoint, that's where the code terminates its concern for electrical products — they just have to be safe. Yet we all know that in every product category there are units available of widely varying quality, all of which are safe by some minimum standard. In the selection of each and every product he specifies or uses, the electrical designer or installer is given all kinds of opportunity to rise above the lowest-common denominator of third-party certification and to exercise his dedication to genuine product quality and to value for his customer. Of course, use of any non-third-party certified product is totally inconsistent with electrical work, as well as with the code, if a listed or certified product of that type is available.

The NE Code is truly an exemplary document of its type. It is a credit to the electrical industry and must always be fully and faithfully observed in relation to all electrical work. But as the NE Code itself says about its own provisions, "Compliance therewith will result in an installation not necessarily efficient, convenient, or adequate for good service or future expansion of electrical use." Because it is necessary for all electrical systems to be efficient, convenient, and adequate, all electrical systems must be better-than-code.

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**CURT SALTMARSH**

Beverly: 471-7765
“Regulation or Strangulation” Sen. Atiyeh

The September meeting of the Portland Chapter, CSI began with a fascinating discussion of “What is State Land use Planning doing to the Construction Industry?” according to Victor Atiyeh, State Senator from Beaverton. Actually, that is not exactly what Senator Atiyeh discussed, but it is close.

Senator Atiyeh started by advising that LCDC (Land Conservation and Development Commission) seemed to be more conservation and less development. The feedback that Atiyeh has been getting from Oregonians is that 85% of the time LCDC does not appear to be listening to the people but is setting goals for land use on the basis of the appointed Commission members convictions. Atiyeh has advocated amendments to LCDC but does not now recommend repeal.

DEQ (Department of Environmental Quality) was Atiyeh’s next topic and many Oregonians have advised him that it is heavy-handed and authoritarian. Somehow the problem with government involvement is that often government does not regulate but strangles. He said government should be designed for the people not for the government employees.

Atiyeh’s speech then became more political with a discussion of Governor Straub’s policies and the two billion dollar state government. Atiyeh thought the Legislature should have “fixed-up” ballot measure 6 to work in Oregon rather than write its own measure (+11) for property tax relief.

During the question and answer period, Atiyeh expressed the following opinions affecting the Construction Industry.

1 apparent double standards exist for new industries and existing Oregon industries. Existing Oregon industries should be given first call on available benefits.

2 LCDC and DEQ should recognize that growth will occur and determine how Oregonians want their State to grow. Measure 10, the initiative to amend LCDC, may be a directive from Oregonians to LCDC and LCDC should listen.

Reporters’ P.

Deadline for material for The Predator is Friday following the second Tuesday of each month. Please be generous with your articles — typed 36 spaces wide — but please be prompt! Thank you!

Mary Ann Klas

FIRST (& POSSIBLY LAST) ANNUAL CSI SUMMER FAMILY PICNIC

After many thoughts of canceling, it was decided to go ahead with our first annual picnic. We were sure the weather would change. It did from showers to downpours. Picnic sites were changed to supply us with a shelter and fireplace. Sure hope that everyone found us at Riverside.

We did eat and drink, mostly huddled together in our 4 x 6 shelter. Of course this had to be shared with the bees. Couldn’t decide if they liked beer or pop best but one almost got swallowed from a beer. Two casualties in the form of bee stings occurred. It was also discovered that hot dogs can be cooked in the rain under a cardboard box.

The companion ship was great and togetherness reigned. It was definitely a standing room only crowd.

It would be helpful if next year’s coordinator had some influence with Mother Nature — Any Volunteers????

Nopel ML

SEPTMBER PROGRAM

The first CSI meeting of the 1978-79 season was a dinner meeting held at the Mallory Hotel and featured Senator Victor Atiyeh as speaker. The Senator was accompanied by Mrs. Atiyeh and an aide, Paul Phillips. Adding further prestige to the head table were expressrions Larry Arnold, Ken Searl and Dick Ehmman.

Senator Atiyeh opened his talk with a remark about his name-tag with the title “Professional Guest.” He said he was beginning to feel like a professional guest these days.

He then went on to speak about LCDC, DEQ and other regulatory agencies and summed it up by saying in substance, we don’t object to landuse planning, we don’t object to clean air and clean water... We don’t object to a uniform state code. We don’t object to responsible regulation but we do object to strangulation.

The Senator spoke briefly covering ballot measures #6 and #11 and said he would declare specifically on Thursday, his support or non-support of these measures. He stressed the need for legislators to listen to what the people are saying and be more observant as to what is going on in the field.

In regard to economic growth he said as Governor of the State of Oregon it would be his intention to have his “first romance” with local industry here in the state. He would not ignore the need to encourage outside firms to come into the state when desirable, but where we have adequate industry here already, he wants to support these companies first.

Also, in answer to a question on population growth, he stated that we can’t stop people from coming into the state, but we can determine how we will grow and LCDC can play a part here. He stated that reasonable application of the laws in Oregon will permit an orderly growth.

The meeting adjourned at approximately 8:30 p.m. There was a total attendance of near 75 members and guests.

Warren Koepke

THE WINNER, mostly by default, (by default of so many of you not getting your prize winning program ideas in) — Margie Largent whose idea to do a program with someone from the State Legislature to discuss what effect legislation such as land use planning, DEQ, etc., has on the construction industry. Our Sept program was the result.
At the October meeting you will be asked to vote on two items to revise our Chapter Bylaws. They are as follows:

Item 1 - Present wording Article V. Officers, Section 3. 2nd sentence. Industry members are not eligible to serve as president or president-elect. You will be asked for a vote to remove this sentence from the bylaws.

Item 2 - Present wording Article V. Officers, Section 3. last sentence. The president-elect must have served at least one year on the board to be eligible. You will be asked for a vote to remove this sentence from the bylaws.

Reason for deleting the requirement that the president-elect serve one year on the board to become president-elect is not needed and reduces our selection of this position to only two persons both being professional members.

Reason for allowing industry members to become eligible for president-elect and president is quite obvious. Instead of only two persons to choose from we would have four eligible. Now it has been said that industry members would not be as suitable as a professional member for these two positions, that they would or could use the position to further their own cause or their own firm. Now does anyone really believe that? Of course it is possible but of all the industry members in our chapter it is not probable, they just aren't that type. For added protection just in case an industry member who is on the board that shows any tendency that way, we have six professional members to three industry members so how could he or she get elected if the board feels that person to be not qualified? In the first place, it is very doubtful that many industry members would want to become a chapter president, but if they do and are acceptable they should have the opportunity. It's sort of like Victor Atiyeh, candidate for governor, said at our last meeting, that if he was told he couldn't go to Georgia (and he didn't want to anyway), he would immediately want to and demand to go. It is felt an industry member is eligible to be a chapter president most won't want to anyway. Why are some members so adamant in not wanting it possible for all members to be able to serve as chapter president? It is noted that Puget Sound has industry member Dave Thomas as chapter president, who is doing a fine job.

Please think it over and come to the October meeting to place your vote. An open discussion will be held prior to voting.

A MINI MASTERFORMAT SEMINAR OCTOBER MEETING

The June 1978 edition of Masterformat - Master List of Section Titles and Numbers by CSI and Construction Specifications Canada will be the subject of a presentation by Lee Kilbourn CSI. Certified Construction Specifier.

This new document updates CSI Document MP24A 1975 Edition as revised by Addendum No 1 and largely supplants the Uniform Construction Index of 1972. Masterformat lists Division 0 lists sections for data filing only, reserves sections for future expansion, includes broadscope section explanations and contains an expanded keyword index. There are also some mistakes.

Learn all about these exciting topics beginning at 5 PM on Tuesday, October 10 at Osbeck's Roseland Manor Inn on McLoughlin Blvd at Holgate. Please bring your copy of Masterformat.

INSTITUTE TDC '78 - '79

Rob MacDonald

The Technical Documents Committee is just another reason CSI is the most dynamic organization in the Construction Industry.

Chairman Chris Delgado opened this year's first TDC meeting in Washington D.C. July 28 and 29 by introducing six new region participating members. Fiscal Year '78 - '79 projects another good year of progress in TAS (Technical Aid Series) revision of 30 Guide Spec Series (Green Documents), revision of MOP (Manual of Practice) volumes I and II, coordination of TIE (Tech Info Exchange) and CDS (Construction Documentation Systems).

Northwest Region (9) enjoys a 50% completion record of 14 out of 28 TAS (about average) and this year portends to be better

Comments are invited on revisions of 14200 Elevators, 10150 Metal Toilet Partitions, and other NW Region Authored Documents.

Current national status of TAS stands at 378 assignments of which 211 have been completed 167 plus additional proposals coming from you will be scheduled for this year. Comments and suggestions are invited through your NW Region Participating Member or direct to the Institute.

Respectfully = Your little old PM

Rob

TAS ASSIGNMENTS ANNOUNCED

Portland Chapter CSI has accepted 15 assignments in the Construction Specifications Institute's Technical Aid Series Program.

Technical Aid Series Documents contain sources for information on standards, regulations, manufacturers and related specification texts. A Technical Aid represents a first step in compilation of necessary data for preparation of construction specifications.

Soil Stabilization Lime with related assignments in the topics of Soil Stabilization Cement, Asphalt, Lime Slurry Injection, Pressure Grouting and Vibro-Flotation comprise one group of subjects assigned to Portland Chapter. The Chapter technical subcommittee working on these documents is headed by Dennis Destefano.

Also in Division 2, Portland Chapter has been assigned the Broadscope and Narrowscope topics under the Master-format heading of Power and Communication Utilities. Topics here include Towers, Poles, Conduits, Electrical Power Transmission Lines and Distribution Lines, and Communication Lines. This subcommittee is led by Don Wallace.

Wood Decking is another subject assigned to Portland Chapter. The subcommittee leader is Don Wallace.

Gypsum Plaster and Venetian Plaster are two more topics assigned to Portland Chapter. This subcommittee for Division 9 is led by Dick Logan.

Moving Walks is assigned to Portland Chapter. Work on this subject is under the leadership of Jim Tidwell.

Other topics are available. These and other topics are discussed twice monthly at meetings of the Chapter Technical Committee. For information contact Lee Kilbourn, Chairman at 224-3850 or evenings 244-1778.

THE BIG ONE!

1978 West (Cal., Haw., Nev.) region conference - Nov 2, 3, 4 @ Sheraton Universal Hotel, Hollywood, Calif.

They claim this is going to be the greatest region conference ever held and if you register before Oct. 15 $55.00 will pay for the whole fantastic event. You and Construction Law is the theme. Call Lee K if you are interested.
MEMBERS AROUND TOWN

Contractors Weekly: Northwest Plan Center has a new home. You probably attended the opening. Bill Samuel, CSI, now at 500 N E Multnomah St.

A NAME CHANGE Frank D. Cohen, Inc. on Saturday Sept 9. became Cohen Court and Sport, Inc. Same address, same people. New card to Ames Cohen, CSI.

MEMBERSHIP ADDITIONS Clip & Paste in CSI Directory

Scott Collins  Montgomery Elevator
1226 S E Gideon St
Portland, Oregon 97202  238-8621

John F Johnston  Grand Metal Products
2340 S E Gladstone
Portland, Oregon 97202  235-3105

David C Liesch  Morrison-Funakake-Inouye-Andrews, Inc.
2007 S E Ash
Portland, Oregon 97214  234-0548

Francis E Honey  Frank Honey & Associates, Inc.
812 S W Washington St
Portland, Oregon 97205  224-7115

Victor J Mastsandrea, Jr  Koppers Co. Inc
7540 N W St Helens Road
Portland, Oregon 97229  285-3681

Robert B Fay  Al D1sdero Lumber Co
P O Box 42247
Portland, Oregon 97242  235-8383

Clair H Bartel  Gilsonite, Inc
P O Box 11242
Portland, Oregon 97211  288-5454

Dick W Ebeling  Dick W Ebeling, Inc
711 Dekum Bldg
Portland, Oregon 97204  226-1391

SCHEDULE ’78-’79

OUR TWENTIETH YEAR

NOVEMBER 14 program PAINTING
Problems in Specifying and Bidding — Colors?
Coordinator: Gordon Van Antwerp

DECEMBER 12 program ENERGY, Codes, Regulations, Applications
Specs
Coordinator: Al Stahl, CSI

JANUARY 9 program HARDWARE — Unlocking the Mysteries of Finish Hardware
Coordinator: Ken Searl, CSI

FEBRUARY 13 program MOISTURE CONTROL
Coordinator: Jim Davidson

APRIL 10 program PRODUCTS Legal Aspects
Joint with Producers Council
Coordinator: Les Saely

MAY 8 program DESIGN — BUILD
Coordinator: Hunt Jones, CSI

JUNE 12 program OWNER Looks at Specs
Coordinator:
CANDIDATE FOR REGION DIRECTOR
Paul Edlund FCSI
1643 Oak St. Eugene, Oregon 97401
Specification Consultant (Architect)
Education Bachelor of Architecture
University of Oregon (1961)
Joined Eugene Chapter CSI 1965
Advanced to Fellowship in Institute 1976

INSTITUTE COMMITTEES
Awards (68-70); Education (73-78)

INSTITUTE AWARDS
Chapter President's Certificate of Appreciation (1968); Specification Writing Competition; Merit Award (1973), Honorable Mention (1976 & 1978)

REGIONAL COMMITTEES
Awards Workshop Moderator (1968); Screening Committee (1968-1970); Editors Workshop Moderator Chairman (1970); Region Guidelines Committee Chairman (1974); Region Conference Steering Committee (1974); Region Conference Program Committee; Chairman (1974)

REGIONAL AWARDS
Director's Citation (1971 and 1974), Technical Excellence Award (1972)

CHAPTER OFFICES
Vice-President (1966-67) President (1967-68) Advisor (1968-69) Board of Directors (1965-74)

CHAPTER COMMITTEES

CHAPTER TECHNICAL REPORTS

CHAPTER AWARDS
Specification Writing Competition First Place (1968-1970, 1974-1976); Education Award (1970); Certificate of Appreciation (1971); Technical Excellence Award (1972)

CONVENTION DELEGATE

REGIONAL CONFERENCE DELEGATE

OTHER SOCIETIES

CONSTRUCTION INDUSTRY
Symposia Magazine, Editorial Advisory Board (1972-Present); American Arbitration Association, National Panel of Construction Arbitrators (1973-Present); City of Eugene, Building Code of Appeals (1966-Present), University of Oregon, Adjunct Professor of Architecture (1968-Present)
Numerous articles for other publications

REGION COMMITTEE

Guideline Revision Committee 78
Chairman 1969 Region 12 Conference
Hosted by Portland Chapter
Program Committee 73 Region 12
Conference Portland Chapter Host
Monthly Column (Predicator) — B.S.
by K.S.

REGION CONFERENCE ATTENDANCE/DELEGATE

Willamette Valley 68 Portland 69
(Chairman), Puget Sound 70 Yakima 72
Portland 73 (Program Chair-
man), Willamette Valley 74 Cook Inlet 75 Puget Sound 76 Spokane
77. Portland 78
Chapter Presidents meetings — Seattle, Portland

INSTITUTE COMMITTEES

Specification Judge for '73 Speci-
fications Competition
President of Host Chapter at time of Na-
tional Convention
Greeting from Host Chapter

NATIONAL CONVENTION ATTEN-
DANCE/AS DELEGATE

Minneapolis '77 Washington D.C.
73, Portland '74 (President Host
Chairman), New Orleans '75 San
Antonio '78

EDUCATION

United States Navy Electrical School

CONSTRUCTION EXPERIENCE

Construction Inspector to Office Engi-
neer, U.S. Corps of Engineers,
Ogden, Utah — 44
Electrician, U.S. Navy — 46
Construction Superintendent, M & K
Corp, San Francisco, CA — 47
Building Inspector, City of Ogden, Utah
— 51
Construction Inspector, U.S. Corps of
Eng, Ogden Utah — 54
Construction Inspector, Oregon State
Board of Control — 63
Construction Inspector, Yamhill
County Courthouse, McMinnville, OR — 64
Construction Inspector and Speci-
fications Writer — Wilmsen.
Endicott, Unthank & Associates — Wilmsen.
Endicott, Greene & Associates — Wilmsen.
Endicott, Greene, Bernhard & Associates — WEGROUP, P.C.
1964 to Date

Several of us in the Portland Chapter

have been meeting with the local chapter of the Painting and Decorating
Contractors of America for two pur-
oposes; one to assist in the preparation
of a new and revised painting guide
which will be published in the near fu-
ture and two, we have participated in
chapter meetings as panel members
which included discussions of problems
that painting and decorating contractor
members encounter in their respective
operations.

These meetings brought forth many
areas of concern voiced by various
painting contractors. I will list the main
concerns and ways to reword our speci-
fications to correct these specifications

One of the main complaints we heard
was if a painting contractor places any
paint on a surface even if that surface
is not prepared correctly then that
painting contractor has 'bought it' as
the saying goes. This should not be the
case because specifications can cover
this item by spelling out clearly who is
responsible for what. Instead of putting
phrases in specifications stating that the
painting contractor assumes responsi-
bility if any paint is applied or not saying
anything, how about stating clearly to
whom belongs the responsibility. In our
own firm we have a clause in the Lath
and Plaster or Gypsum Wallboard Speci-
fications calling for an inspection for ac-
ceptance by the architect with a cross
reference in the painting specifications.
This means the architect or his repre-
sentative has to stand up and be count-
ed by assuming responsibility for inspec-
tion and written acceptance of surfaces
to be painted. It is felt and rightly so,
that the painting contractor should not
have to shoulder this responsibility.

Another item to come out of these
meetings is a recommendation that gyp-
sum wallboard not be sanded after joint
filling. In lieu thereof using a wet sponge
is more beneficial and does not tear
paper coating like sanding. If necessary
a very light sanding could be done after
the sponge treatment has dried. One
should consider placing this in the con-
tract specifications.

Last item of importance that I feel
should be covered is the use of deep
tone paints and how many colors are
going to be required and locations. As
a minimum, a percentage should be list-
ed as to quantities of deep tones. If pos-
sible, also list how many colors and
color variances are going to be required.
Anything that will help pin down just
what is wanted will enable the painting
contractor to more accurately figure a
bid which in turn saves the owner
money. Under some present specifi-

Cont. p. 8
to the editor

Dear Ken [Read Editor]

As usual, I enjoyed reading your September BS and like all the others it both entertained and enlightened me.

I'm delighted to hear that you people are working on a CSI suggested page format and I'd like to put in my two cents worth. I recognize that my suggestion is substantially out of step with everyone else, but in my opinion it has to be considered because it's so simple and it works so well.

I have used the line-numbered format for years and everywhere I do so I become more convinced that I'm doing the right thing. All but two of my clients now use this format and they tell me they are delighted with it. Their only question is why did they wait so long to start.

Ed comment
Watch for next month program! Bring your decorator, architect or design consultant.

AIA - CSI GOLF TOURNAMENT

Golfers are not good reporters — but your editor thinks a fun afternoon (Friday 25 August) at Progress Downs Golf Course was enjoyed by some 34 persons. 30% CSI? What happened? Some won, some lost.

CSI MEMBERS ALERT!
John Crook speaking at the University of Wisconsin on CONSTRUCTION CONTRACTS AND SPECIFICATIONS Nov 2, 3, 1978. Watch for your notice.

Very truly yours,
Paul Edlund FCSI
(Mark Your Calendar)
CHAPTER MEETINGS

SCHEDULE '78-'79
OUR TWENTIETH YEAR

NOVEMBER 14 program PAINTING
Problems in Specifying and Bidding — Colors?
Coordinator Gordon Van Antwerp

DECEMBER 12 program ENERGY
Codes, Regulations, Applications, Specs.
Coordinator, Al Stahl CSI

JANUARY 9 program HARDWARE—
Unlocking the Mysteries of Finish Hardware
Coordinator! Ken Seare CSI

FEBRUARY 13 program HAZARDS to
the Worker, Specifying, Liability etc
Coordinator Hunt Jones, CSI

MARCH 13 program MOISTURE CON-
TROL
Coordinator, Jim Davidson

APRIL 10 program PRODUCTS Legal
Aspects
Joint with Producers Council
Coordinator, Les Seely

MAY 8 program DESIGN — BUILD
Coordinator, Tod Lundy

JUNE 12 program OWNER Looks at
Specs
Coordinator

UPCOMING EVENTS

Chapter Board Meetings Thursday noon following chapter meeting — at
CSI office Open
(Thursday following second Tues)
Committee Meetings

Tech Documents at Mult Co Library
Thurs. Oct 26, 6-8 pm
Long Range Planning Committee —
Oct 10, at 12 noon — Ehmans office

Seminar: Division 1, Feb 23-24,
1979 Co-Coordinators Dick Ehman,
FCSI, Larry Brown, FCSI Moderators
Ben F. Greenwood, FCSI Robert E
Vansant, FCSI Max enrollment 35 —
First come, etc college credit available ($200.00)

Products Fair, Coliseum, April 12
1979

Region Conference April, 1979 Orcas
Island, San Juan Islands, Washington
National CSI Convention June, 1979
Cincinnati, Ohio

Gordon Van Antwerp (Coordinator)

Graduated from Woodbury University
with a Bachelor's Degree in Business
Administration, additional engineering
post-graduate work at West Virginia
University and the University of California

Served in World War II as a commis-
ioned officer in the Tactical Command
of the United States Air Force, holds a
commission in the State of Washington

For 14 years, he served as Executive
Vice President of the Oregon and Wash-
ington Real Estate Industries

He is a member of the American Society
of Association Executives, the Construc-
tion Specifications Institute, and the
Oregon Building Congress

Currently, he is Field Representative for
the Oregon Council, Painting and De-
corating Contractors of America, and is
the immediate Past President of the
Oregon Construction Industry Council

"COLOR SELECTION AMBIGUITY
- A COSTLY PRACTICE"

by Gordon G Van Antwerp, C.S.I.

In most instances it would appear there
should be a reasonable length of time
from the start of a design and the com-
pletion of the Specifications to allow the
designer to make a color selection on
a product prior to bidding

All too frequently, however, we observe
in Specifications the following lan-
guage: "Color as selected by Architec-
t or." Color to be selected later

Cont. p. 2

NOVEMBER

PROGRAM

Tuesday, Nov. 14, 1978

Reservations:
Members, guests, and spouses are invited.
Phone Jan 223-8231 by 4 pm.
November program only.
The Mallory Hotel
5:30 Social Hour
6:30 Dinner — $7.25 inc grat
no shows will be billed
7:30 Program

Long on expertise in the
Painting and Decorating
field, a group of four panel-
ists representing the Oregon
Council, Painting and De-
corating Contractors of
America is scheduled to
present an interesting educa-
tional and informative dis-
cussion on subjects of mutu-
al interest and value to
Architects and Specifica-
tions writers.

Gordon Van Antwerp, coordinator of the
November program will intro-
duce.

Panelists: Jim Hess, Vice
President, E.W. Shields
Corp.; Perry Zeida, Presi-
dent, Zeida Painting Co.;
Dan Hanning, Vice Presi-
dent, Evan E. House Corp.;
Tom Braden, President, Rodda Paint Co.

Topics and their probable solu-
tions:
1. Inspection — Approval of
Substrates
2. Punch List Responsibilities
3. Waterproofing vs Water-
repellency
4. Drywall Sanding vs Wet
Sponging and Light
Sanding
5. Deep Tones
6. Color Schedules

A dialogue involving questions and
reponses will be encouraged to excite
positive solutions.
PRESIDENT'S COLUMN Bob Klas

I have recently received a letter from the Institute Membership Committee in which the Portland Chapter, with 21 new members, was ranked 6th in the Nation for new members in July and August. The ranking was New York City, Chicago, Los Angeles, San Francisco, and Portland. In my opinion, 5th is not bad in that company. While the final count is not in, Les Sealey and the Membership Committee have reported about 23 new members for the September and October period. This reinforces my opinion that the Portland Chapter is one of the best in the Institute, and leads into the subject of this column.

The Construction Industry has been compared to a three legged stool. Architects, Engineers, Spec Writers, and other professionals make up the design leg. Manufacturers, representatives and their consultants make up the supply leg. General and sub-contractors make up the assembly leg. Each leg has specific disciplines, and is dependent upon the other two. The advantage of CSI is that it brings the legs together to form a stool upon which all our fortunes (or misfortunes) rest.

As of the last careful count, the Portland Chapter had 75 professional members and 110 industry members, of which 5 were general contractors. We need at least 35 more professional members to make our ratio approach the ideal of 50/50. Of course, the Chapter is delighted to welcome any Industry members who join our ranks, but our obvious need is to get general contractor reinforcements to help support the assembly leg of the stool. Any member can cite a list of reasons why contractors should join CSI. It is as important to those who follow the specs. as it is to the people who write them.

(A similar list of reasons should be given for enlisting owners, construction and building management representatives.)

Cont. from P. 1

Correspondingly, this language appears as unprofessional as a division commander ordering his troops into battle with the stipulation: "Ammon to be selected by division commander later ."

We also see in Specifications that the color selection is to be made on the product — after the contract is awarded.

The author contends this is very poor practice, indeed, and bases his contention upon the following practical considerations:

1. A Subcontractor bidding the material cannot possibly know if material is of standard manufacture or is one of custom formulation.

2. Selection of too many ultra deep tone colors — Colors can vary in price several dollars per gallon or as much as double, due to the type of pigmentation. The fact that a material is non-substandard requires a special order, and the color may involve a shade necessitating two coats or more to obtain the desired color, thus an added premium cost of both labor and material.

3. Frequently, color other than standard requires longer delivery time, causing delay to the job site, and where accelerated delivery is required to keep the project moving, added costs are involved.

4. Special colors (particularly ultra deep tones) can also result in a problem whereby the specified material cannot be made to match Example: Stipple finishes.

Closer coordination between the Architect and the paint manufacturer, on a Specification review basis, would do much to minimize such a problem. But this can only be accomplished after color selection.

Specifications should be "SPECIFIC" on color selection for all parties to enjoy a clear, precise understanding of qualitative requirements.

Professionally accomplished, a set of Specifications can:

1. Conserve money

2. Conserve many man hours of lost time in communication.

3. Minimize time on product delivery.

4. Greatly minimize frustrating frustrations for all parties.

A slightly different problem associated with the foregone concerns itself with standard color chips oversprayed with a clear coating to enhance sheen which a material supplier or Subcontractor is expected to duplicate with a one-coat system. To accurately duplicate an oversprayed color chip clearly necessitates a two-coat system, thus doubling application costs — one labor cost unit to apply the color and a second labor cost unit to apply the clear overspray. (Note: A one-coat color can be manufactured to equal the quality of sheen. However, the quality of pearlescence cannot be satisfactorily manufactured. Pearlescence is obtained through technique of application.)

In some instances, there is almost total disregard for the selection of colors from the system of the manufacturer, the painting contractor has elected to supply.

Some may think these problems are minimal. The author does not find this to be the case.

In the spirit of positive helpfulness — that our related activities may more harmoniously live and work together. I offer this suggestion — Enhance our professional image by determining specific color selection prior to bidding and for design product compatibility stay with one system.
Board of Directors' Meeting

September 14, 1978 12:00 Noon

PEOPLE IN ATTENDANCE: Arnold Ashton, Kilbourn, Klas, Koepke, Larson, Lundy, Moorman, Murphy, Samuels, Sams, Senior & Seeley

COMMITTEE REPORTS:

Membership — Les Seeley reported sixteen new members making a total of 167 members.

Program — Rod Moorman announced our October 10th meeting will be held at Osbeck's Rose Manor Inn and our guest speaker will be Gordon Morten and Fire Chief. Motion was made, seconded and passed to discontinue making the special meeting notice due to the cost. Bob Klas announced Regional Director, Jess Wilkins will be attending our October meeting.

Educator — President Klas reported there will be a seminar on Division 1, February 23 and 24th which will be held in Portland.

Products Fair — Bill Samuels reported the 1979 Products Fair will be held at the Memorial Coliseum. No date has been set at this time and his committee is waiting for response to price.

Les Seeley was appointed Coordinator for CSI and Producers Council.

Technical — Lee Kilbourn — Motion was made, seconded and passed to print 25 more copies of the master format to be sold for $7.00 each.

After discussion motion was made, seconded and passed that the Chapter pay with approval of the Board, the costs not covered by the Region or Institute for Technical and Education Committee meetings for our participating member.

Treasurer Don Ashton presented financial reports for first, second and third months of our fiscal year. Current totals in checking $1,768.46, savings account $3,958.62 as of August 31, 1978.

Meeting adjourned at 1:30 P.M.

From P. 2, Col. 1

The point of this is a Presidential Proclamation.

ALL MEMBERS OF THE PORTLAND CHAPTER ARE HEREBY DEPUTIZED TO THE MEMBERSHIP COMMITTEE.

The task does not involve high pressure recruiting, rather it is a matter of watching for that individual who can benefit from and be of benefit to CSI. Remember the ideals and abilities of CSI members are our best selling point. Call Les Seeley or me with your prospects.

Most recent recipient of Kons' subscription to the Predictor is W. E. Bailey, CSI 205-2975 Oak Street Vancouver B.C. V6H 2K3. Also receiving the Predictor from Ken is Jim Hodgkinson, Bittorf, Holland Christinson, Arch Ltd. 107 Revillon Blvd. 1021 104th St. Edmonton, Alberta Canada T5J 1B6.

SPACE FOR RENT

$10.00 PER MONTH

SNYDER ROOFING

and Sheet Metal, Inc.

PO Box 23819
12850 S.W. Hall Blvd.
Tigard Oregon 97223
503-220-5552

James F. King
President

Jesse Williams
Director, N.W. Region

At its September 16, 1978 meeting the Institute Board approved the concept of further development, publication and sale as CSI documents of hard copy master specifications text for Division 2 through 16.

The development of these documents will be accomplished with the participation of the Construction Sciences Research Foundation and an Ad Hoc Committee of CSI. The majority of the CSI committee will be past or present members of the Institute's Technical Documents Committee.

The objective is to develop and maintain an ongoing program which will be regularly updated and revised.

Initial publications are expected to be available in early 1979.

The action comes as a result of a recommendation by Institute President Stan Bair. That recommendation concluded that there is a need for a usable comprehensive master by CSI members in hard copy form. Also, that production of master specifications text would be a decided service to present and potential CSI members.

By starting with text already available to and through CSRF, CSI will be able to make the documents available at minimum costs. Review by the Ad Hoc Committee will assure adequacy of the documents. We have been assured that through the participation of the Ad Hoc Committee, the documents will be the best possible before being published.

Bill Mincks
Director, N.W. Region

The following is a summary of items acted on at the September Board Meeting:

1. The Board established an ad-hoc committee to study the overall effectiveness of CSI student chapters and the organizational alternatives. This recommendation was made because of the problems involved with the maintenance and continuity of CSI student chapters. The high turn-over rate in student chapters seems to have caused several administrative problems for the institute. This ad-hoc committee will investigate the problems, consider the impact of the problems, and probably recommend alternatives and/or policy changes to solve these problems.

Cont. P. 4
President Stan Barr has asked for members names for appointment to this ad-hoc committee. I would like to encourage those members in our region interested and involved in this problem to submit your name for this committee either through Jesse Wilkins or myself. The ad-hoc committee will need all relevant information involving student chapters and students within regular chapters. I encourage you to complete and send this information to the ad-hoc committee on student chapters through Jesse Wilkins or myself.

2) The executive committee approved the recommendation of Mr. Chris Delgado, Chairman of the Technical Documents Committee (TDC) to expand the TDC's task assignment of preparation of a drawings coordination checklist to a pilot program for the preparation of Project Manual Guides in Divisions 2, 3, 15, and 16. This pilot program will tie the CSI documents Specifications Series (green sheets) and the Technical Aid Series with a guide specification. This will give the specifier a complete document package for these divisions. This is following the Construction Data System (CDS) planned by CSI. There are a few sample documents of Project Manual Guides, of which I will attempt to obtain for members' reference. I still have a slide program for the CDS, and it is available to chapters upon request.

3) The Board approved the concept of hard copy development publication and sale as CSI documents of master specifications text for Divisions 2 through 16 developed by the Construction Sciences Research Foundation (CSRF) with participation of CSI by an ad-hoc committee. The majority of which are past of present members of the Institute Technical Documents Committee.

The acceptance of this recommendation means that CSI will publish a master specification sold to CSI by CSRF on a royalty basis reviewed and revised by a CSI ad-hoc committee. The text of this master specification, which serves as the data base for the automated COMSPEC system, was prepared by a firm for CSRF. The firm has promised CSRF regular updating of these documents.

The original recommendation did not provide for review and revision of these documents by CSI. This provision was added to the original recommendation partly due to the actions of both Jesse Wilkins and myself. Hopefully, this ad-hoc committee will insure that these documents follow the format recently published as Masterformat and are indeed state of the art master specifications. If your chapter has a member that is interested in serving on this committee preferably someone with Institute TDC experience, please notify either Jesse Wilkins or myself. If this ad-hoc committee performs its task properly, it has a great deal of hard work ahead of it.

It seems that the development of a master specification by CSI would eventually become a reality. The Construction Data System's long range plan stated its Step III as the development of a guide specification. I feel that most members will agree that it would take a great deal of time to produce a total master specification by chapter-generation of this material. A unique opportunity was presented by the availability of this master specification by CSRF. The Board felt that these documents would allow CSI to progress by making available a complete set of tools for the specification writer. The publication of these documents will be self-supporting.

As the text can be pulled from the computer on demand, the CSI funding for publication would be minimal. We will have some staff costs and miscellaneous costs relating to the Review Committee. As the concept is just approved, the mechanics and details such as subscription cost have not been worked out yet. We will keep you posted of these developments.

As this is a major step for CSI, there are no doubt many questions and comments. I have tried to describe some of the reasoning behind the passage of this recommendation. Both Jesse and I will try to answer any questions the members of our region have about this new program.

4) The Yakima Valley Chapter was approved to be withdrawn at our request. As most of you know, that chapter has been active for several years. I would like to encourage the members of our region to help Jesse and I continue our efforts in starting a chapter in the Tri-Cities area. CSI should continue to serve the Central Washington Area.

5) Several housekeeping duties were performed by the Board at the September meeting. Appointment of two region directors to fill positions made by resignation. Slighty revise regulations for annual meetings and commit the anticipated excess of income in Fiscal Year 1978 to the Underwriting Reserve Fund.

Jesse Wilkins and I both have the new slide program which was presented in San Antonio entitled "The Directions of CSI. I have reviewed it and feel that it explains the present activities on the Institute level better than I can. I will be glad to mail it to your chapter or I could bring it with me when I visit your Chapter.

We have scheduled the Northwest Region Coordinating Council for Friday, October 13, 1978 in Seattle. We will contact the Chapter Presidents as soon as possible on time and arrangements.

I once again encourage all members to contact me if I can clarify any of these issues or be of assistance in any other way.

William R. Minck

Report/Recommendations of Portland Chapter LRPC Meeting of September 18, 1978

Larry Brown, FCSI, acting Secty

The September meeting of Portland Chapter CSI Long Range Planning Committee took place in the offices of Dick Ehmann, FCSI with the following present:

Larry Brown, Dick Ehmann, Ken Klax, Tom Shea, Gordon Todd

We received the Board's response to our recommendations through Bob, along with the Board's request that LRPC develop policy guidelines to assist future Boards and Committees of Portland Chapter CSI in such areas as Chapter Identification & Purpose, Continuity in Direction and Finances.

The LRPC was much appreciative of the Chapter Board's positive reaction and openness to our recommendations. We will include "policy guidelines" in our future activities.

We again discussed the inverted-pyramid telephone committee. Because it has proven so successful where implemented, we again recommend that it be tried by our Chapter. The key to success is having one person responsible for maintaining/ updating the pyramid complete with list of backups (secretaries, spouses, co-workers) for members.

We also discussed promotion and public relations considerations relative to Portland Chapter CSI. Although we formulated no specific recommendations for the Board, we did generally agree that some funds might be allocated to promotion and that truly excellent Chapter Programs (especially technical programs) are essential.
On the general subject of leadership development, we came up with the following ideas:

1. There are two related yet distinct areas where leadership development is needed: (1) Future Chapter leadership and (2) Future Institute leadership (Region Directors, Institute Committee Members, and Chairmen, Institute Officers).

2. Some qualifications or prerequisites for leadership positions should be established, at least as guidelines (the Institute Board is discussing this internally — maybe there’ll be suggestions forthcoming).

3. It may be desirable for Portland Chapter CSI to conduct annual or biannual workshops to provide training in such areas as:
   - Roberts Rules of Order
   - How to Chair a Committee
   - How to Moderate Panel Discussions
   - Public Speaking/Group Dynamics
   - Effective Listening
   - Presenting Technical Ideas
   - Professional Selling Skills
   - Organizing to Reach Goals

4. Technical Sub-Committee Chairmen are perhaps the best place to begin identifying and developing future leaders. We recommend that Technical Sub-Committees be established to review and update (and localize) each CSI Green Sheet and to supplement them with new documents.

5. Educational Seminars, on a recurring basis, also provide leadership-development opportunities — as well as service to the membership and community. At least one but preferably two seminars a year should be held. (The Institute is coming out with more and more helps for seminars.)

6. Some thinking too needs to be directed towards such questions as who will be our candidates for Chapter Officers three or five years hence? and who will be our candidates for Region Directors down the road? What about future Award recipients and nominees for Fellowship? Maybe Nominating and Awards Committees tasks could be expanded.

P.S. Next meeting will be October 12 at 12:00 noon in Dick Ehmann’s office.

MEMBERSHIP ADDITIONS

Clip & Paste in CSI Directory

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howard L. Glazer</td>
<td>Architects Forum, 206 S.W. Flanders, Portland, OR 97203</td>
<td>227-4331</td>
</tr>
<tr>
<td>Jim Price</td>
<td>Emerson Hardwood Co, 2279 N.W. Front St, Portland, OR 97209</td>
<td>227-6414</td>
</tr>
</tbody>
</table>

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**DON KROEKER HONORED BY ACEC**

Don is the only Emeritus member of Portland Chapter CSI and has served as its Chapter Newsletter Editor. Don was one of the featured speakers at last year’s Region Conference.

Don has been elected fellow of the American Consulting Engineers Council. Don has been active with the Consulting Engineers Council of Oregon for many years. He was the Council’s first president and also their first editor of the OREGON CONSULTING ENGINEER.
PROGRESS IN PORTLAND

Bill Pitman
Taylors Dutch Boy Paints

Something besides the Trailblazers is happening in the City of Portland, Oregon. The Portland Chapter of PDCA under the leadership of President Perry Zaida has made a substantial and most important contribution to the painting industry and crafts.

Approximately a year ago President Zaida came up with the progressive idea of having informal but informative, panel discussion sessions with various groups associated with the trade.

Invited for the first session were the specification writers of a number of prominent local Portland Architectural firms. This first session was informative and well attended by the painting contractors and many of their key men, as well as many paint and material suppliers.

Questions and points of contention thrown at the panel included discussion of the ultra deep color selection problem, color selection difficulties, and incorrect material selections. And, most importantly, the issue of why the old unwritten rule of the painter having to serve as the inspector, judge and jury on the other trades in the area of wall acceptance was brought to the fore.

After much discussion the contractors have proved a valid point to the architectural representatives — as a result of specifications are now being written by some architectural firms in Portland requiring the painter from the age old burden of when you put a brush to the wall, you have bought the surface. An example of the specification format written and used by Mr. Kenneth Seidl. Specification writer for ‘We Group’, Inc., of Portland, illustrates the terminology used in the transference of this area of responsibility. Under the lath and plaster or wallboard section he states: "INSPECTION-CONDITION OF SURFACES. When completed request architect for inspection of surfaces completed surfaces must be free of defects and errors and acceptable to architect to receive paint or other wall covering in the painting section under JOB CONDITIONS."

Mr. Seidl lists under INSPECTIONS. Notify architect before beginning application of paint. And also cross references the painting provisions to the lath, plaster and drywall section requirements.

This gentleman has to be scored as a major victory for our entire industry. So there is benefit in collective, cooperative efforts by a group of organized professional men.

Not content to sit on their laurels, the Portland Chapter rescheduled the second panel discussion with the architects for their June, 1978 meeting. This time, members representing national as well as local paint manufacturing firms were asked to participate. As a result of this second year program work is now proceeding on such items as who shall pay for sponing down of wall points, where does responsibility lie on inadequate building flashing metals and possible paint failure as a result who should pay the burden of cost submit-tals and preparation, etc.?

From the architectural side, knowledge was transmitted to the contractors of the problems they face inter-office and with their contemporaries. For instance, a specification may suggest more inadequate capping metal length be used — but he may be over-rulled by the design department of his own firm due to aesthetic considerations. So all of the frustrations are not on our side.

The important element in all of this is that by holding such open, frank and non-personal discussions corrections and changes can be made that are of benefit not only to the contractors of Portland but to our industry as a whole. There is more merit in a group of people sitting down to mediate than there will ever be in arbitration.

So take a leaf from the Portland Chapter Book and try it — you might like it.
goods running to the purchaser at the time of sale. Traditionally warranties have been an absolute liability on the part of the warrantor. If what Mr. Gallager says is correct then why in the heck are we being advised to call for a warranty instead of a guarantee? If anybody out there can shoot any light on this subject, jump up and call or write to me or Ye Editor Margie Largent.

In closing I want to point out that it is not too early to begin planning for the 1979 National Convention to be held in Cincinnati, Ohio next June. As a rule several of us also plan a small 3 to 5 day trip directly after the convention so if any of you have any good ideas let us know as soon as possible.

Ken Searl C S I

Correction October special article Better than Code -- credit line SHOULD HAVE READ Reprinted from June 1978 issue Electrical Construction and Maintenance (c)opyright 1978 McGraw-Hill Inc. All Rights Reserved

Meeting notice FLYERS are not going to be mailed to members this month -- hopefully not for the rest of the year.

CERTIFICATION NUTS -- If you plan to become certified CSW clip the application form from the July 78 CSI NEWSDIGEST and return by Feb 1 1979

ARCHITECTURAL RECORD has done it again! Held a round table discussion with a talented and thoughtful group of construction oriented people on How Effective are Performance Specifications in Satisfying Users Needs? CSI was never mentioned. All does it every year.

Deadline for material for The Predator -- Friday following the second Tuesday of each month. Please be generous with your articles -- typed 36 spaces wide -- but please be prompt! Thank you! Thank you!

OCTOBER MEETING

FIRE CODES -- As they relate to plans and specifications, construction and use of new and remodelled buildings was the subject of the October program coordinated by Don Walton.

The October meeting was held at Osbeck's Rose Manor Inn. Gordon A. Morterul, Chief of the Portland Fire Bureau accompanied by Mrs. Morterul, Fire Marshall Francis Sargent and Mrs. Sargent, President Bob Klas. Don Walton, Rod Moorman and Mrs. Moorman were seated at the head table.

Chief Morterul and Fire Marshall Sargent gave a two-part presentation. The first portion consisted of slides of recent Portland fires, with comments by Chief Morterul pointing out the flaws in construction which contributed to the seriousness of the fires. The second portion was a talk by Fire Marshall Sargent. The theme throughout the program was Fire safety starts on the drawing board. The use of sprinkler systems was stressed frequently. The speakers felt that with as few as two sprinkler heads many fires could have been brought more rapidly under control. Design considerations for fire safety and possible trade-offs were among the topics discussed. At the close of the talk the speakers answered questions from the floor.

Prior to the program the following business took place. Lee Kilbourn for the Technical Committee announced that copies of the Master format may be obtained at a cost of $9.50. Also the next Chapter Technical Committee Meeting will be held at the Multnomah County Library on Thursday October 26 from 6:30 p.m. Topic Effective Use of Multnomah County Library by CSI members 30 minute lecture followed by library tour.

Dick Ehmann announced the CSI Portland Chapter Education Committee Seminar will be held on February 23 and 24. Subject Using CSI Division I in Construction Contracts -- maximum enrollment 35 so enroll early.

Ken Searl presented two revisions to the by laws for action by the members.

(1) That the following item should be stricken.

Industry members are not eligible to serve as president or vice president.

Motion carried.

(2) That the following item should be stricken.

The President Elect and Vice President must have served at least one year on the board to be eligible.

Motion failed.

Gordon Van Antwerp will coordinate the next meeting which will consist of a panel of four individuals -- experts in the painting and decorating industry -- and will be held at the Mallory Hotel November 14.

There were close to 60 members and guests in attendance. The meeting was adjourned at approximately 9 p.m.

Warren Koons
to the editor

In response to Oct 78 issue's To The Editor commentary by Paul Edlund, regarding Portland Chapter's efforts to refine and further polish CSIs 'page format,' I offer the following opinion with no attempt to defend CSI's format or any spinoff from same.

This writer personally doesn't feel comfortable with any decoupled system used in dividing the 'Parts (or Articles)' of a Section and prefers instead to use an alpha-numerical system for all component identifications. This may cause a reader of the Spec to refer back several preceding pages from a particular item to identify its general hierarchy (and location) within the Section, but it does allow certain flexibilities for Section scope not possible within the CSI format. I'm a firm believer in flexibility!

Both of these systems do feature addressing (identification) at all levels within the Section and that makes their commonality more important than their differences.

I look at Paul Edlund's 'so simple' system using only line numbering on the page margin with page numbering as completely negative. It's been used on some automated systems of software for master specifications having an extremely low level of programming flexibility, the program is incapable of automatic modifications in relettering or renumbering of paragraphs, subparagraphs or items when additions or deletions made to the text. In short, the system is used primarily because the program being employed (either automated or manual) isn't flexible enough to accommodate updating due to editing.

Specifiers, designers, contractors and others have frequent cause to communicate about certain specification items, such as during the development of project addenda. Line-to-line references give no idea of where or what in the Section one has concern without direct visual follow-through. Reference to an item between certain lines on certain pages means nothing. Reference however, to 04200-3-02b-4 (or 04200-03-b-4) is more likely to be comprehensible to one reasonably familiar with the Section's content and more positively suggests the scope of the identified text.

Proper addressing with characters of any reasonably systematic sort of various levels of text within each Section therefore results in flexible, usable Specs. I suggest that line numbering is of limited benefit and then only to the person preparing the document if not in command of the preparation program, if (and perhaps economics as well) is controlling him.

Beyond nitpicking formats (and I've felt for some time that many within CSI seem concerned with little else than format problems and conformity), there's another more critical problem area in construction documentation that few of us are willing to confront. I'm referring to GARBAGE CONTENT within Specs that is apparently acceptable to many. As long as the Project Manual is brief, concise, follows the format etc. Who today cares a bean whether Spec items are inappropriate to the design professional's project requirements, whether specified groupings of approved products are in fact asking for apples vs oranges' bidding etc? Panstaking complete preparation of comprehensive appropriate master specification options and educated intelligent editing of same; with full knowledge of project detailing requirements appears to be a rarity these days.

John C. Crook

construction specifications institute, portland chapter

the predicator

Nov., 1978

Margie Largent, Editor
15800 S.W. Boones Ferry Rd.
Lake Oswego, Oregon 97034
636-6977
As one who does not know enough about Division 1, I would like to share some ideas about the importance of attending the Portland Chapter's forthcoming Seminar.

Division 1 is the basic legal and administrative framework within which all our contract documents function. At the least, a well prepared and properly interpreted Division 1 can make a job progress smoothly. A thorough knowledge of Division 1 may or may not avoid conflicts with phone calls, meetings, and labor. However, we would all like to ease the worries about these endeavors. If even one bit of information can be acquired to resolve a conflict in our documents (a conflict that we may not be aware of), the Seminar investment may be recovered.

The Seminar is not for spec writers and professionals only. Contractors, Suppliers, and Owner's Representatives need to know Division 1 for careful interpretation. We all may be losing time and money on Division 1 without realizing it.

See the enclosure with this issue for complete information. Ben Greenwood FCSI and Robert Vansant FCSI are both former Presidents of the Institute. The program ranges from basic administrative and procedural concepts to nitty gritty such as project coordination, roles and authority of the A/E, and (if you will pardon the expression) professional liability exposure. 12 Continuing Education Credit Units are available for those who complete the program.

The Seminar is being offered at 5 locations in the East. This is the only current planned offering west of Detroit. (It might be appropriate to say something about those guys in the East not being serious about the western two thirds of the Country, but we are not complaining.) At an earlier presentation in San Francisco for 50 registrants many were turned away. Our registration is limited to 35. It is now being publicized to CSI members in the Northwest. In December publicity will be extended to the Industry throughout the region. Applications will have to be accepted on a first come basis. I would like Portland Chapter members to take advantage of this opportunity.

See insert for complete information.

Architect Alfred (Al) Staehtli

COORDINATOR of our Dec program is himself a Conservator of energy in his professional specialty of preservation of & restoring of our Architecturally sound & significant structures. He studied at the International Centre for Conservation, Rome, Italy — after 7 yrs in USAF (Civil Engineering Office) — and after a Bachelor of Architecture degree (U of O)
MORE INFORMATION — ENERGY CONSERVATION FROM “BPA ENERGY ALERT”

furnished by
Rod Moorman CSI

In order to keep employees and visitors to BPA more aware of conservation options, an information rack has been placed in the lobby of the BPA Building in Portland.

Many of the pamphlets disappeared the first day they were put on display. We think it further demonstrates the interest in conservation if only specifics are provided on how to save.

The rack will be kept stocked with the latest energy conservation information collected by BPA’s Energy Conservation Office.

THE KILLER WATT

The Killer Watt is an adapter that converts an incandescent home lamp into a fluorescent fixture.

This adapter has 12 times the life of the average incandescent bulb burns cooler and can save approximately 50% on light bills and energy with no loss in light intensity.

It retails for $18 and can be purchased through Al Metcalf & Associates, 970 NW Irving, Portland, OR 97209, Phone 228-7353.

Pacific Power & Light has estimated that wrapping R-11 (3½”) Kraft backed insulation around and on top of a 52-gallon electric water heater will save 562 kilowat hours per year.

Lower energy consuming fluorescent light bulbs are now available.

BPA has been RECYCLING computer printouts and IBM cards as well as excess contract specifications for some time.

However, employees are now encouraged to place any of their white scrap paper in these receptacles on their desks. These are picked up periodically and the paper sold for $70 to $78 per ton.

INCENTIVES

President Carter’s Energy Bill includes a 25 percent tax credit of the first $800 and 15 percent of the next $1400 spent on approved conservation measures. This will be applicable for actions taken between April 20, 1977 and December 31, 1984.

Oregon recently passed legislation including a 25 percent tax credit to a maximum of $125 for weatherizing residences, excluding mobile homes.

AERIAL INFRARED PILOT PROJECT

By the time you read this bulletin BPA may have completed its aerial infrared flyovers of seven Northwest communities.

In conjunction with its aerial infrared flyover plans this winter, BPA has just equipped each of its Area and District Offices with portable infrared viewers.

The aerial thermal image is expected to illustrate the big picture to home owners on how their residence stacks up with others in regard to heat loss. The portable infrared viewers will be loaned to utilities by BPA to assist in making individual house surveys.

ENERGY RETRIEVAL SYSTEM

The system is a conservation R&D project investigating the feasibility of recovering waste heat from a power transformer to heat nearby buildings. The waste heat is to be used to heat a substrate control house with the assistance of a heat pump.

SAVE ON YOUR GAS & OIL

How to Improve the Efficiency of Your Oil-Fired Furnace — free in single copies from the Consumer Information Center, Pueblo, CO 81009

Getting the Most from Your Heating Oil Dollar — free from the Office of Public Affairs (MD 31), U.S. Environmental Protection Agency, Research Triangle Park, NC 27711

“Heat Balance and Efficiency Measurements of Central Forced-Air Residential Gas Furnaces — DOE Technical Information Center, P.O. Box 62, Oak Ridge, TN 37830

SOLAR WATER HEATING

A program is available which provides people anywhere in the U.S. with computerized findings about the costs of solar water heaters for individual homes.

You fill out a form about your house, hot water needs and the type of system you are considering. Send the form to the U.S. Energy Research and Development Administration (ERDA) Form and a booklet explaining the program are free from SOLCAST, Division of Solar Energy, ERDA, Washington D.C. 20545.

Portland General Electric, Seattle City Light and Pacific Power & Light reported on the status and results of their respective solar demonstration homes. Generally, west of the Cascades a solar collector can be designed to provide about 50 percent of the homes’ space heating needs.

EPRI ON HEAT PUMPS

After analyzing the performance and potential of heat pumps in northern climates, a recent EPRI (Electric Power Research Institute) study concluded the following:

— In single family residences state-of-the-art heat pumps offer significantly lower annual energy costs than electric and oil furnace systems with conventional air conditioning.

— In office buildings, cooling is the dominant load on the HVAC systems, independent of climate. Heat pumps have little potential for reducing the total annual energy consumption and cost.

— The energy efficiency of state-of-the-art equipment required for smaller better insulated residences of the future is relatively poor. Manufacturers should concentrate on improving the performance of units with 24 000 BTU/hr cooling capacity or less.

ASHRAE HANDBOOK


BPA has awarded a contract for a demonstration project to explore the retrieval of waste heat from transformers. The waste heat would be used along with a heat pump to provide control house heating at BPA’s Ross Substation in Vancouver, Washington.

WOOD-BURNING HEATERS

With some $98 000 in DOE funding, researchers at Auburn University, Auburn, Alabama will conduct studies aimed at improving the design and installation of wood-burning equipment and providing information to instruct consumers on its proper operation.

Tests will be conducted on both foreign and domestic wood-burning heaters to determine the present operating efficiency of typical equipment. This information should also indicate design features providing the greatest energy savings.

FIREWOOD

Wood is a renewable resource.

Wood stoves have about 30-50 percent heating efficiency. Fireplaces have 10 percent with 90 percent of the heat going up the chimney.
SCHLAGE LOCK CO.
SAYS “THANKS FOR ALL YOUR SUPPORT IN THE PAST.”
WE WILL CONSTANTLY MAKE THE EFFORT TOWARDS PRODUCT IMPROVEMENT AND BETTER SERVICE.
MAY YOUR 1979 EXPOSURE TO OUR PRODUCTS CONTINUE TO BE A PLEASANT EXPERIENCE.

BEST WISHES FOR A PROSPEROUS AND HAPPY NEW YEAR

RALPH BOWEN, AHC
234-0281

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CIPCO CORP.

“SEASONS GREETINGS”

HAL ELDER, AHC
658-4849

HANDICAPPED PERSONS REQUIRE A 5-POUND FORCE TO OPEN A DOOR. CAN YOU PROVIDE? YES!
SEE THE NEW LCN EQUALIZER CLOSER PRIOR TO AND AFTER THE JANUARY 9TH CSI-DHI MEETING.

MERRY CHRISTMAS
L. J. CAPPA & ASSOCIATES
GUS GUSTAFSON
235-8705

THE OREGON CHAPTER OF DOOR & HARDWARE INSTITUTE (DHI) WISHES THE CSI PORTLAND CHAPTER CONTINUED SUCCESS AND IF WE CAN BE OF ANY ASSISTANCE CALL ANY OF OUR MEMBERS.

HAPPY HOLIDAYS TO ONE AND ALL
Finish Hardware! Now that is a phrase or a description usually listed as a narrow scope item within a set of specifications under Section Number 08710 or under a broad scope Section Number 08700. Now just what do the words Finish Hardware really cover? Some specifications are short and sweet merely listing an allowance of so many dollars. This is the ostrich or sweep-it-under-the-rod approach. Evidently the specifier figures if it is ignored in will take care of itself. This type of buck passing will only come back to haunt one if for no other reason than the time required to obtain certain finish hardware items. Also it seems to me that with a stated bid allowance the owner loses any advantage of competitive bidding unless bids are taken at a later date which in turn makes the delivery date much later and probably costs are higher. Now after saying all of this there may be an exception namely if the architect does not do a hardware specification while preparing drawings and has engaged the services of a finish hardware supplier to write the finish hardware specifications then it may be beneficial to list an allowance because the hardware supplier can work from the completed drawings and not from just an incomplete floor plan. Again I point out that this method can cause a time delay which can be costly both in money and time to complete project. If one does use an allowance be sure and stipulate if allowance is for materials only or does it include installation labor and materials.

Other specifiers use the group or heading number for listing of finish hardware but this approach can cause trouble because it is very easy to omit a door opening and the bidder or supplier still has to break it down door opening by door opening to arrive at a bid and then the installer has to be very careful that the right finish hardware gets installed on each door opening. The best approach in my estimation is to list finish hardware by opening number in a numerical order either in a heading for each door opening or the use of a horizontal schedule which can also include frame details and keying. This method is considered a door and hardware schedule rather than just a finish hardware schedule. This latter method requires more time on the part of the specifier but it does have some fringe benefits. This method requires a close scrutiny of the drawings and many things can be picked up such as dead end corridors that don't meet code, improper exits, rooms that require additional door openings, too large a glass area on a corridor wall and many other items. The extra time spent can save your firm lots of headaches and yes, even money.

One thing I do want to stress at this point is that no matter what method of finish hardware scheduling is employed the specifier should consult with the owner's personnel who actually serve the building or buildings and find out their views. You can pick up a lot of needed information.

Finish hardware has been changing in the last few years basically because of devices required for fire protection alarm systems security controls etc. Some of the systems being installed here of late are either a Rupe Goldberg concoction or Jules Verne or Buck Rogers. Now if you know who all these guys are, you are definitely over 29 years old.

The Portland CSI Chapter in an effort to assist everyone become a little more acquainted with finish hardware new and old is presenting a chapter program entitled Unlocking the Mysteries of Finish Hardware. On Tuesday January 9 1979 location and time will be announced later. We will have a panel of finish hardware experts complete with a sample display of finish hardware. This should be a lively program. Hope to see you there.

Ken Searl CSI

Another subscriber — (thanks Ken) Ralph Boyen A H C Schlage Lock Co P.O. Box 167 Washugul WA 98671

AIA schedules Masterspec* workshop

Portland Chapter AIA has announced a one-day workshop in the editing use and philosophy of MASTERSPEC. The workshop will be held January 25, 1978. For further information contact Portland Chapter AIA, 200 Dekum Bldg. 519 S W Third Ave Portland OR 97204 or 503-223-8757
Board of Director's Meeting

October 12, 1978

Meeting called to order at 12:00 noon by President Bob Klus.

IN ATTENDANCE Arnold Eggleston, Jones, Klhourn Klus, Koepke, Largent, Lundy, Mooreman, Murphy, Samuels, Sampier & Seeley

COMMITTEE REPORTS

Products Fair. Don Eggleston gave a complete report on cost and accommodations for the 1979 Products Fair. After discussion motion was made, seconded and passed to have the Fair at the Memorial Coliseum April 12, 1979. Rod Moorman made a motion which was seconded and passed to leave the selection of the decorator up to the Products Fair Committee.

Predicator. After discussion on how to improve the Predicator motion was made, seconded and passed to have a committee look into the possibility of changing printers & format. The committee to be selected or appointed by the President.

President's Comments. After discussion on the selection of President Elect, motion was made, seconded and passed that nominations and election will be made at the November Board Meeting.

Program. It was agreed to have an observance of the Chapter's 20th Anniversary which will be in April.

Membership. Les Seeley reported on membership currently at 176 paid-up members.

Long Range Planning Committee Report discussed — comments were made by Board Members that we are dealing too much with technical items and not enough with chapter items. How detailed should the Long Range Planning Committee attempt to be? What is its purpose? Determined not to proceed with the pyramid telephone committee at this time.

Meeting adjourned at 1:30 p.m.

NOVEMBER MEETING

The November meeting, coordinated by Gordon Van Antwerp, was a colorful one, "Painting-Problem in Specifying and Bidding," was the title.

The topics discussed were:
1. Waterproofing vs. Water repellent
2. Punch List Responsibilities
3. Inspection and Approval of Substrates
4. Color Schedules
5. Deep Tones

Several points brought up by the speakers are as follows:

Very few paints can be guaranteed 'waterproof' especially in the Northwest. If the water content of a wall exceeds 20% no paint can be considered waterproof.

A request was made that the painting contractor be protected by the specifications so that he is not held liable for damage to the paint caused by other subcontractors.

The need for proper preparation of wall surfaces was stressed as well as relief from total responsibility of the painter for a badly finished wall that may have resulted from causes other than painting.

The panel discussed the need for early color schedules in order that the painting contractors can give the paint manufacturer's time to match and mix their paints properly. Ways of scheduling were also discussed from specifying the color and number of coats required to just the tones, regardless of color, in order to give the painting contractor as much information as possible prior to his bidding the job.

At the conclusion of the meeting there were two announcements:

An invitation was extended by Perry Zaida to attend the many exhibits which will be displayed at the 44th Annual Convention of the Oregon Council, Painting and Decorating Contractors of America at the Jantzen Beach Thunderbird in Portland-January 26 & 27, 1979.

Dick Ehmann announced that the C S I Seminar, "Using CS I Division 1 in Construction Contracts" will be held February 23 & 24, 1979 at the Ramada Inn, Tualatin.

There were 51 members and guests present.

The meeting was adjourned at 9:30 P.M.

Warren Koepke
NORTHWEST REGION

Jessie Walker, Director

The Region Coordinating Council met Friday afternoon, 13 October at the Mayflower Park Hotel in Seattle. The meeting was very well attended, having from Spokane Chapter, two from Coos, three from Willamette Valley, four from Portland and three from Puget Sound Chapter. Some brought their wives along, making the total count at dinner twenty-six.

The Council examined and discussed the recently completed Operating Guide. They discussed the last draft of the Awards Guide as well Director Bill Mincks and Art Needling, Region Awards Chairman, pointed out the revisions and additions to the draft they had prepared. Bill Mincks, a graphics arts student at Spokane Community College had made silk screened covers for both Guides. The Council asked that a letter of appreciation be sent to her.

Other subjects discussed during the meeting were:

MEMBERSHIP ADDITIONS Clip & Paste in CSI Directory

Brett Biggs
Fintel
3150 NW 31st Avenue
Portland, Oregon 97210
222.9367

Ron Neely

Peter Winkler AIA
Winkler Associates
10 SW Ash Street
Portland, Oregon 97204

AROUND THE REGION

Regional Chapter meetings

COON INLET, 3rd Wed. (Call Harley, High Tower, 727-2242)

PUGET SOUND, 2nd Wed. (Call Harley, High Tower, 727-2242)

SPOKANE, 1st Wed. (Call Harley, High Tower, 727-2242)

WILLAMETTE VALLEY, 3rd Thur. (Bow & Steak House)

Department of Energy Publications


Modernfold
Northwest Inc.
Roe, Phone
W. 635-2498

JERRY VAN SCOY, CSI
3305 NW 5th Avenue
Portland, Oregon 97210
Phone: (503) 234-0655

Associated Floor Covering Contractors
MASTEFORMAT AVAILABLE AT
CHAPTER OFFICE

Masterformat CSI Document MP-21 Master List of Section Titles and Numbers is now available from the CSI Portland Chapter Office in the Dekum Building at 519 S.W. Third (97204) for the CSI member price of $9.50. Everyone involved in the preparation and use of construction contract documents should have a copy.

Masterformat incorporates an organizational structure for groupings of

1) Bidding Requirements
2) Contract Forms
3) Conditions of the Contract
4) Broad and narrow scope specification sections with their numbering system

Masterformat continues the clarification of the specification divisions begun in 1963, grouping related section titles together. The Master List of Section Titles and Numbers includes a list of Narrowscope section titles which (hopefully) define the scope of the Broadscope section title preceding them.

Section titles are presented as recommended titles in recommended sequence and identified with a recommended numerical classification arrangement. The purpose of all this is to obtain a high degree of uniformity within construction specifications.

Changes which have been made in this edition of the Master List of Section Titles and Numbers include a restatement of the organization of Bidding Requirements, Contract Forms, Conditions of the Contract, and Addenda. Division Zero Revisions have been made in Divisions 2, 11, 13, 15 and 16 so that Masterformat may be used for Electrical Utility Distribution Projects, for Pipeline Utility Distribution Projects for Water Treatment Plants, for Fluid Waste Disposal and Treatment Plants, and for Power Generation Plants Transportation System Projects can now be specified using Masterformat.

Lee sez — "If you're not using MASTERFORMAT, you're not talking the same language — (A necessary tool to write CSI Specifications) the editor apologizes for not having Lee's Mini-Seminar of Oct. 12 (5:00 p.m.) notice on the program page so you'd be sure and go early. I had planned for the paper to be out earlier so you'd have time to read it through — cover to cover — before the meeting. I hope he will repeat it for us all.

AND NOW — A FORM FOR FEEDBACK!

Enclosed is a feedback form which has been developed for use by Portland Chapter CSI.

The first one has already been returned to the Technical Committee recommending that the form not be used. The Committee determined that this did not represent a fair trial.

Portland Chapter Technical Committee has proposed a local program to keep members up-to-date on revisions to the content of CSI documents

Previous contributors to the CSI Technical Program may observe that the form has space for complete accountability which was lacking in earlier efforts. In proposing this form the Committee hopes that the use of CSI Documents will be strengthened.

Corrections recommended by the Subcommittee on this Technical Committee will be published in the predicator.

Lee

MERRY CHRISTMAS & HAPPY NEW YEAR

Bill Samuel has been appointed to fill the position vacated by Hunt Jones resignation. Sorry to lose Hunt Welcome Bill Our new by-laws change still gives the Board some problems but more about that later

Automatic Vent Damper Standard Approved

An American National Standard for home installation of automatic vent dampers — devices that are attached to chimney systems to help conserve fuel — has been approved by ANSI.

EDITORS

Lee and D have been traveling again this time to the West Region Conference.

They had als announced in the CSI News about a seminar that was attended by about 300 people. The attendees included 344 people and other CSI members. The seminar was attended by 34 people. The seminar was attended by 34 people.

The following are this year's winners:

AIA Low Gross - Xaver Ruotolo 80 tied with
Chuck Selig 80
AIA Low Net - Don Ashton 69
CSI Low Gross - Bob Stone 80
CSI Low Net - Dave Stewart 70

Low net handicap AIA/CSI Don Ashton 69

We both are long-time dedicated CSI members and whose members are elected well. Just as you and your readers sure have a great deal of self to CSI.

We are both reasonably well acquainted with many members in each chapter and the institute will forward biographical data to each member. We believe that this is sufficient information to enable the membership to vote intelligently.

Finally, we both feel very strongly that the worst thing that could happen would be for the loser - a chapter to bear hard feelings against the other chapters in the Region and we believe this could easily happen if our campaigns became heated.

Paul Edlund, FCSI
Ken Seard, CSI

Senator

The first AIA-CSI annual GOLF TOURNAMENT held at Progress Downs Golf Course, Friday 25 August 1978, with 34 players. The event was held with a net score of 75.57 (CSI net score 76.80). The following are this year's winners:

AIA Low Gross - Xaver Ruotolo 80 tied with
Chuck Selig 80
AIA Low Net - Don Ashton 69
CSI Low Gross - Bob Stone 80
CSI Low Net - Dave Stewart 70

Low net handicap AIA/CSI Don Ashton 69

Your letter of October 18, 1978, requests us, as candidates for the office of Director, to submit to each chapter for local publication a position paper to help them evaluate our respective qualifications.

While we fully understand your desire for this information, we both believe that anything we would write would be dealing with platitudes or to express it more bluntly - just as much BS.

Ken Seard, CSI

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Awards -
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Tai Funakata, Mech. Engrs 234-0548
Predicant Editor - Margie Largent 636-6977
Nomination - Rex Walter 655-7166

NORTHWEST REGION & INSTITUTE

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Education Committee (participating) Larry Arnold 222-5364
Award Committee - Jim Lacy 228-9468
Liberty Council - Al Bannan 224-5560

construction specifications institute, portland chapter

the predicator

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15800 S.W. Boones Ferry Rd.
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636-6977

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85 SW William Drive
Beaverton, OR 97005

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CHAPTER MEETINGS
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OUR TWENTIETH YEAR

JANUARY 9 program HARDWARE:
Unlocking the Mysteries of Finish Hardware—Pt.
with D. H. ORE
Coordinator: Ken Seal CSI

FEBRUARY 13 program Legal Aspects
Joint with Producers Council
Coordinator: Les Seeley

MARCH 13 program MOISTURE CONTROL
Coordinator: Jim Davidson

APRIL 12 program at Coliseum
Coordinator: Tod Lundy

MAY 8 program DESIGN—BUILD
Coordinator: Tod Lundy

JUNE 12 program OWNER Looks at
Specs Coordinator:

UP COMING EVENTS
Chapter Board Meetings Thursday noon
following chapter meeting—at CSI
office Open
Tech Documents—Jan 18, 5-30p.m
111 S W Oak—Lee's Place
Long range planning—at Dick Ehman's
of:

SEMINAR DIVISION 1 Feb 23, 24
1979 Coordinators Dick Ehman FCSI,
Larry Brown FCSI

PRODUCTS FAIR Coliseum April 12
1979 Free parking midday
16th NORTHWEST REGION Conference
—Rosario Resort, Orca Island April
26 through 29 1979 Plan your vaca-
tion now

23rd Annual Convention & Exhibit CON-
STRUCTION SPECIFICATIONS IN-
STITUTE Cincinnati; Ohio June 17-20
1979

AROUND THE REGION
Regular chapter meetings
COOK INLET 3rd Wed (Call Harley
Houghton 276-2242)

PUGET SOUND 2nd Wed (Latitude 47)

SPOKANE 2nd Thur (Fireside Inn)
WILLAMETTE VALLEY 3rd Thur (Bev's
Steak House)

EDUCATION COMMITTEE Wash D C
Jan 26 1979

News Flash
The Board of Directors accepted
with regret the resignation of Tod
Lundy—our new pres. elect

JANUARY PROGRAM
Unlocking the mysteries of finish hard-
ware

Tuesday, Jan. 9, 1979

Reservations
Members, guests and spouses are invited Phone
Jan 223-823 by 4 pm Jan
8 or come at 7 30 for the
program only

Place
The Mallory Hotel
5 30 Social Hour
6 30 Dinner — $7.25 inc.
grat. no shows will be billed
7 30 Program / Business

PANEL
ALLOWANCES — DO S and DON TS
KEN PAYSENO AHC Mgr
OREGON BUILDERS HARD-
WARE SALEM
SECURITY SYSTEMS
ELECTRONICS SYSTEMS
AND NEW ITEMS
HAL ELDOR CSI AHC
FACTORY REPRESENT-
ATIVE
KEYING SYSTEMS. SYM-
BOLS NEW PRODUCTS
TOM MAXWELL AHC VICE
PRES SALES EPI
FINISHES DURABILITY
COSTS & AVAILABILITY —
SPECIAL ITEMS
JAMES TICE MANAGER
TICE INDUSTRIES

HANDOUTS — KEYING & FINISH SYM-
BOLS

PORTLAND CHAPTER. CSI thanks the
Oregon Chapter DOORS AND HARD-
WARE INSTITUTE for sharing their
meeting and members with us tonight

GUEST JESS WILKINS DIRECTOR
NORTHWEST REGION
An Architect's View of the AHC
by Douglas Day, FCSI

Most architects do not think of the person who prepares a hardware schedule for them as a consultant. A lot of architects feel they are getting a hardware schedule from the local hardware peddler.

In my own firm, individuals responsible for recommending consultants for our projects developed a list of consultants we might utilize. The list included some 60 different consultants, ranging from structural engineers to radiation consultants.

One consultant was not listed; however, you guessed it. The Hardware Consultant. I referred to the Architect's Handbook of Professional Practice which includes a listing of possible consultants the architect might utilize. Again, you guessed it. The Architectural Hardware Consultant is missing from the list.

Numerical Greek

When I first started reviewing hardware schedules, I was completely baffled by the numbers. The individual who was preparing the schedule would start rattling off numbers without looking at a catalogue. I would just sit there with my mouth open. How could anyone keep all these numbers straight?

These individuals could just look at a number and tell the manufacturer and the item. Now, having been involved in the hardware in all our projects, I can also recognize numbers. No manufacturers and items — but numbers have some meaning to me.

However, this is not true with most architects. Most do not understand hardware numbers. Different types of hardware, and how they interact. Opening requirements, fire ratings, security. It is just all Greek to them. They're very happy to get someone to prepare a hardware schedule that can be reproduced and included in a specification.

They are only concerned about the appearance of the hardware, such as the design of the locks and the pulls.

The Need for Consultants

This points out the main reason that an architect would engage the services of a consultant. Architectural firms utilize the services of consultants to complement or supplement their own knowledge or experience.

The needs for consultants will vary greatly with the architectural firm. We have a few clients who prepare their own hardware schedules.

Even when the owner prepares the hardware schedule, or when we have employed a hardware consultant, I still spend a lot of time reviewing that schedule. Door-by-door, and item-by-item. I have a strong feeling that there is more to hardware selection than just helping the architect prepare a schedule. If possible, it is advantageous to review the drawings with the doors, frames and hardware in mind. Prior to the finalization of those drawings. Especially the floor plans.

A lot of times the floor plans and details are complete before anyone thinks about the hardware. The feeling is that one can always find hardware to solve the problem. This might not always be true, and the hardware might not be the best suited for the conditions.

The Manufacturer/Distributor Connection

I'm afraid some architects are very leery of consultants who work for a manufacturer or a hardware supplier. These individuals cannot help but be prejudiced toward the products they represent or sell. As far as I am concerned, this is only natural, and the architect should be aware of this when he gets involved with such a consultant.

My firm has had hardware schedules and specifications prepared with the assistance of persons working for hardware manufacturers or suppliers. On several occasions, we then had the schedule and specification reviewed by another manufacturer and/or supplier. We were concerned that several manufacturers actually could furnish the hardware, including all the various functions that were specified.

One might say that the best hardware consultant would be one not related to a manufacturer or a supplier. This would be a consultant in the traditional manner, an individual or organization furnishing professional advice and service and completely independent of a manufacturer or a supplier.

But, Who Pays?

As with the typical structural, mechanical or electrical consultant, the kicker here is that since the manufacturer or the supplier is not paying his wages, the hardware consultant must charge the architect a fee for his services. The architect now must decide if he is getting something for that fee that he could not get free from a consultant related to a manufacturer or a supplier.

There are projects that use public funds, and some taxpayers might be upset if the architect were getting a free hardware schedule. In these cases, it is politically smart for the architect to hire a hardware consultant so that there is no possibility for a conflict of interest.

The independent consultant is also in a better position to help the architect review those inevitable substitutions. Again, the independent architectural hardware consultant has no axe to grind. He is just selling a service.

Preparing for the Future

Eventually, the hardware schedule is going to be incorporated into a specification section. Anyone helping in the preparation of this schedule should be capable of preparing the complete specification section.

This would include familiarity with the specification writing procedures, terminology, section formats, writing methods, methods of specifying, specification language. The list could go on and on. In short, a good Architectural Hardware Consultant should be familiar with all the basic principles contained in the Manual of Practice published by the Construction Specifications Institute.

Integrity: the Key

The success of the Architectural Hardware Consultant boils down to the integrity of the individual or to put it another way, the trust and confidence that exists between the architect and the architectural hardware consultant.

Reprint from "Doors & Hardware" Aug 1978

RECYCLING (BPA-ROD)

Most of us don't think of energy conservation when we think of recycling, but they are closely related. Energy required to manufacture a bottle or can from recycled material is much less than from raw material (2000 - 4000 BTU's). Similar savings can be realized by recycling other items, such as newspaper, plastics, motor oil, etc. Aluminum recycling is especially productive since it requires only 5% of the energy required to produce the metal from raw materials. State recycling information services.

Oregon — Recycling Switchboard (229-5555, Portland)
Washington — Recycling Hot Line (1-800-732-9253)

Remember, save the oil you drain from your car and take it to a service station where it can be recycled. Each year 5 million barrels of used oil are wasted in Oregon by people who change their own oil and do not recycle it.
INSURANCE FOR A $1,000,000 PROJECT

The architect or specification writer is normally not qualified as an insurance counselor and professional liability insurance does not cover providing insurance advice. It is to the best interests of all parties that insurance matters be placed in the hands of the owner or owner's insurance counselor. Now these statements are no doubt very good advice but it does not mean that an architect or specification writer should not be well versed in insurance matters and be able to make supplementary conditions modifications to suit each project. In the preparation of supplementary conditions caution should be taken but it is also necessary that all bases are covered.

There are some items that should be included in insurance requirements that are not usually included in standard general conditions. One item is a requirement that the insurance company or companies be licensed to do business in the state where project is located. Another item is insurance amounts and this can be very tricky because in the case of personal injury it makes very little difference in potential exposure if

project is one million dollars. Two million dollars or five million dollars. Recommendations are that the owner, not the architect or specifier, must establish the amounts and time limits of insurance coverage but here is an area that if in the opinion of the architect or specifier what the owner proposes is not considered adequate then this should be brought to the attention of the owner.

Now this should not be considered giving insurance counseling but is considered needed services rendered for your client, the owner. Many times the owner does not carry all risks insurance and this should be stated by modification in the contract documents so that contractor may take steps to obtain this type of insurance. Also a modification can be made requesting the contractor to include the interests of the owner, the contractor subcontractors and sub-subcontractors.

If the state is more or where project is located have any additional requirements these should be covered by reference or by modifications.

Sometimes it may be advantageous for the contractor to carry the property insurance. If this occurs then all risk can be included. Insurance should be written to include owner and all concerned parties and similar insurance should be in effect on portions of the work stored off-site.

Another item worthy of mention is how and when forms and copies of insurance are to be filed with the owner and copies to architect. If not enough time is available to prepare insurance documents prior to starting of project binders could be executed by insurance company if authorized in supplementary conditions.

In summation I want to point out that great thought and a study of insurance needs in your particular area in order. We have a tough situation because on one hand there is strong and very good advice for an architect or specifier not to stick out their necks (remember also that a turtle doesn't go anywhere unless he sticks his neck out) and give the owner any insurance counseling or advice, but on the other hand if one leaves it up to many owners, inadequate insurance will result which in turn can affect both the owner and the architect. It appears to me that we almost have a situation where you will be damned if you do and damned if you don't. My point is that in the preparation of insurance requirements move carefully making sure you have covered the requirements for a particular project without getting the old neck out too far.
Pres. Col. fr. p. 1

The Products Fair in April will be a major production. To increase attendance there will be more booths, short technical programs in the afternoon, complimentary lunch and an evening Chapter Meeting at the Coliseum. This is one you cannot afford to miss.

Membership has been increasing. We would like to get more. But this depends upon the entire Chapter. First we must participate and realize the value of C.S.I. to our selves; than it takes very little effort to suggest others get involved.

The Long Range Planning Committee has generated a number of ideas to improve the Chapter. One important concern is the development of future Chapter leadership. This brings up a responsibility set at the beginning of the year — to increase involvement of all members in Chapter activities. While more people are involved than ever before — contributing, learning and enjoying — I do not think we have succeeded in this effort yet. There is room for everybody to get the full benefit of C.S.I. membership. Call me or a committe chairmen with your ideas. We are trying very hard to listen.

ed comment along this same line. Read the New Orleans Ch ed (Jack Enyart) edited Col on this same page.

FROM THE NEW ORLEANS CHAPTER INVITATION

FROM THE EDITOR
deny themselves the great help to their business that membership in C.S.I. and regular attendance of Chapter meetings can give. This is true for Professional and industry alike.

Most of us know the great benefits for Professionals. So many tools to assist them in straightening out that dragon called specifications. Not just in specific product information but in arranging the whole mess for clarity and up front (where most of the卡拉w comes from). I have heard so many Professionals say — I am already on the C.S.I. Format. I don’t need to be a Member or I have bought all the documents and that is all that I need. Both of these gentlemen are insisting one or both of the best help that CSI offers. The monthly Construction Spec fie magazine I have had some Professionals tell me that it alone is worth the yearly dues and the tremendous amount of VITAL information that comes from participation in group discussions at Chapter meetings where knowledgeable Industry Members let their hair down and speak without pulling their punches to their peers in general and not feel obliged to pass off as something they might head to heard with O.N. Professionals in office. A great deal is learned from other Professionals too who are eager to share what they already know.

But my message here is intended primarily for my peers. The Industry members. General Contractors. Sub Contractors and material men. Only in recent years have any appreciable number of General Contractors joined and become active in our C.S.I. Chapter. In the past I had talked to many, G.C.s about joining C.S.I. and a typical response was — I told them what was wrong with their damn specs when I was a speaker at their meeting last year and they didn’t change them. Come on fellows. One never did make a summer. Besides there are always two sides to every coin. The Professionals have their side too. The POINT of C.S.I. is to meet and discuss these things on a regular basis and come to understand the other guy’s point of view and THEN be able to point out changes that can benefit ALL.

For Sub-Contractors and materials men the benefits are numerous and it seems to me obvious. Right off the top, you get to meet at least once a month with those hard-to-reach Professionals on a semi-social basis on equal footing. You get to speak out in open forum on problems that you know best your specialty to an audience that you wish you could pay to come and listen to you. And if you are willing to work there is no end to the contacts and exposure that you can get. You will NOT get a master specification written for your product but if your product is useful and you know how to sell it there is a world of opportunities available to you WITHOUT having to step over the line and be blatantly commercial at the meetings.

Jack Enyart

KAWNEER

JAMES CROWELL CSI
233-4911

RECREATION CONSULTANTS
109 SOUTHEAST ALDER • PORTLAND, OREGON • 97214

SAUNA
DIVISION 3 — CONCRETE
Progressive Architecture 5/78 SPECIFICATION CLINIC article by William T. Lohmann AIA FCSI Does CSI Division 3 Really Work

Says in part:

Despite minor differences, the author (Lohmann) finds CSI's format for concrete specifications readily adaptable for projects as varied as dams, highways, and buildings.

JUST A THOUGHT

Quality cannot be specified. Quality is largely up to the company fulfilling the specifications.

MEMBERSHIP ADDITIONS

Clip & Paste in CSI Directory

Richard Gira
Northwest Lath & Plaster Bureau
234-0281

John Matteson
Martin Soderstrom Matteson
312 NW 10th
Portland, OR 97209

Tevlin Tony Poneck
Tektronix, Inc. Station 33-860
P.O. Box 500
Beaverton, Oregon 97077

H. Curt Finch
Fletcher Finch Fair & Associates
920 S.W. 13th Ave
Portland, Oregon 97205

George C. Burke
Western States Sales Inc
P.O. Box 17323
Portland, Oregon 97217

For instance, it is not unusual for two contracting firms to take the same specifications, estimate their costs and submit bids showing a 25 per cent variation. It is obvious that they must be biding on different degrees of quality.

A bid simply reflects one firm's attitude toward a thing not yet produced.

What may represent a high standard to one contractor may represent a low standard to another — and all on exactly the same specifications.

G. N. Peterson

CONSTRUCTION INDUSTRY STUDY

Article: The Architect p. 9 MASONRY magazine, March 1978

The study, conducted by Don J. Cosgrove, Ph.D. Prof. of Psychology & Management at Xavier University for the Construction Industry Advancement Program — sample question re. Specifications. What is your opinion of the quality of specification writing in the industry?

Fair & Poor — 58%

Good — 39%

based on a study group of 161, including 16 architects, 11 business agents, 9 suppliers, 26 contractors, 61 subcontractors, 20 owners, 5 engineers and others.

Our new MEMBERSHIP APPLICATION FORMS do not have a place for telephone numbers — Please note back there in Washington, D.C. [Do you suppose they read the Predator?]

CONSTRUCTION INDUSTRY STUDY

CURT SALTMARSH

7990 S.E. Milwaukee Avenue
Portland, Oregon 97202
Phone 503 234 0655

Modernfold
Northwest Inc.

Robs. Phone
855-2498

WARREN C. KOPKE, CSI
Architectural Representative

Hunt Jones, C.S.I.

COMMERCIAL MASONRY COVERINGS

Stagcraft Industries Inc
7990 S.E. Milwaukie Avenue
Portland, Oregon 97202
Phone 503 234 0655

Christopher Jones

7990 S.E. Milwaukie Avenue
Portland, Oregon 97202

Modernfold
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DECEMBER MEETING

December Meeting was attended by about 50 people including three new members (Jim Price of Emerson Hardware Company, Leo Stout of Galvanizers Company and Peter Winkler Architect).

Frank Rush of Pacific Power and Light presented a very timely topic, Energy Conservation. He began by describing some electric cars which are under development. He then presented the changes in Oregon Building Codes which have been made in the past few years. Oregon appears to require more insulation than other west coast states.

Energy Conserving Building Codes for Commercial Buildings are being developed but there is still no consensus as to what is required. Commercial Buildings often require larger cooling capacity than heating capacity.

The presentation closed with a discussion of low interest or no interest loans for home weatherization. Again Oregon’s Legislature is ahead of other states in requiring utilities to reduce residential fuel demands by paying for home weatherization.

A UNION MADE IN HEAVEN

The final way to improve the chances of the flat-plate collector is to marry it up with the amazing machine known as the heat pump, an electric powered device that is already used in almost a million American homes for space heating.

The heat pump is simply a device for moving heat against the current in the thermal sense, i.e., from a cold place to a warm place. Refrigerators are simple heat pumps that move heat from their interiors to the rest of the kitchen. In the case of space heating, the heat being moved is extracted from the outside of doors specifically, from the sun-derived heat that is present in any outside air that is above absolute zero. In a sense, then, the heat pump is a solar device.

The flat-plate collector and the heat pump, it would seem were made for each other. The efficiency of heat pumps falls sharply when the outside temperature drops below 20 degrees, which helps explain why they have not caught on north of the Mason Dixon Line. However, the pumps work beautifully in the far north if they can draw heat from water or air warmed to a modest 50 degrees or so by flat-plate collectors. These in turn function more efficiently if they do not have to bear the entire heating load on bitter-cold days.

Studies have shown that a home with a hybrid solar and heat pump system will use only a quarter as much electricity for winter heating, or even less, as it will with electric heating of the resistance type. The only drawback in a hybrid system is that its rooftop collectors may sit idle in summer when in most cases the heat pump is reversed to function as a conventional air conditioner. Still the heat pump and the flat-plate collector may have a big future together.

Feb 76 Fortune p 114 C3

CONSULTING ENGINEER’S SPECIFICATIONS

7/76 Progressive Architecture article by Alvin D. Shoklin, FCSI Director of Research for SOM N Y

unless there are guidelines established in advance, specifications contributed by various engineering consultants may differ on important points. The author suggests ways to overcome these inconsistencies.

p85 Techics Specification Clinic - read the article for author’s comments on establishing Matrix and Coordinating Format, Style, Terminology and ground rules on relationships

CSI PINS FOR SALE $2.25 Ask any board member.

1978 National Estimates of Dodge Construction Potentials

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PORTLAND CHAPTER SUGGESTS PAGE FORMATS (SEE INSERT)

Consulting engineers, working on various projects for different architects, have been known to register their frustration due to various page formats being used in the city.

CSI members know Chapter 7 of the CSI Manual of Practice Volume II contains recommendations for formatting the construction message on the individual page. This document is essentially identical to MP-2E titled Page Format published in the June 1974 issue of The Construction Specifier Magazine.

Most specifiers, including the chairman of the Portland Chapter Technical Committee, have not been following these recommendations for one reason or another. A subcommittee of the Portland Chapter Technical Committee was established in spring 1978 to resolve the differences between the recommended page format and specific practices in the Portland area. The committee included Ken Sears, Dennis Obert, and Larry Arnold with other resource persons making substantial contributions particularly their secretaries.

This page format is not the format that any specifier is presently using. In following these recommendations everybody changes, and all specifiers will make adjustments to their present practices. After you've used it a couple of times, send your comments with a sample section or two to the Portland Chapter CSI Office.

These Portland Chapter recommendations are to be used in conjunction with Chapter Seven Volume Two of the CSI Manual of Practice and hopefully will lead to easier communication in our industry.

NORTHWEST REGION

Rosario Resort of Orcas Island in the San Juans of Puget Sound, Washington will be the site of the 16th Annual Northwest Region Conference. Watch for details.

Host Chapter Puget Sound

Schedule
Th p.m. Apr 26 - Registration
Fr a.m. Apr 27 - Technical
evening - buffet & party
Sa a.m. Apr 28 - Institute affairs
p.m. - Business/Region
evening - banquet
Su Apr 29 - Fun Time

Registration cost includes the programs, 2 lunches, 2 dinners (Fri/Sat)
Room Rates vary from $23.00-$55.00
Mark your calendar now

PSAE/MASTERSPEC WORKSHOP

DATE/TIME
Thursday/January 25, 1979/8 AM to 5 PM

PLACE
Benson Hotel
Southwest Broadway & Oak
Portland, Oregon

FEE
$50 for Members/$60 for Non-Members
Includes materials, lunch & coffee

REGISTRATION
Capacity for 100 Registrants
Pre-Registration Required
223-8757 for Forms
to the editor

The AMERICAN ARBITRATION ASSOCIATION arranged for copies of the first issue of our newsletter, the PUNCH LIST, to be sent to directors and staff members of the nine industry organizations that comprise the National Construction Industry Arbitration Committee. The PUNCH LIST was created to serve the special interests of engineers, architects, contractors, subcontractors, consultants and others working in the construction field. As you will note in this issue, nearly 1800 construction cases were filed with the AAA or administration in 1977. This substantial case load indicates the usefulness of arbitration as an important and effective method of resolving construction industry disputes.

In cooperation with the NCIAC, the AAA is engaged in a continuous effort to improve the rules, procedures and level of services provided by the construction tribunal. It is our belief that the PUNCH LIST will also be an aid to this process by providing valuable information on arbitration to the industry. Each member organization of the NCIAC is encouraged to reprint with appropriate credits any material contained in the PUNCH LIST for use in its own newsletter or journal. Larger quantities of each issue are available at cost from the AAA's Publication Department.

Sincerely,
Michael F. Hoellenriegel
Case Administration
Vice President

PREDICTOR STAFF
EDITOR: Margie Largent 636-6977
ASSISTANT EDITOR: Still Looking
CIRCULATION: Les Seeley
COPY: Inga Vrla
ADVERTISING: Bill Samuels
COLUMNIST: Regular Ken Seard BS Inc.
REPORTERS: Warren Koopke Meetings
Punky Kilbourn
ROSTER: Sampler Seeley

FAILURES? COVER UP? Two editorials in Sept 78 publications deal with this subject. Architectural Record wonders if another major ROUND TABLE would be a first step — (Maybe they would include GSIP).

Landscape Architecture contends that recording only success (the standard content of most North American magazines) is unscientific and that the investigation of error is essential to any scientific endeavor. (IA) Both publications feel that more professional critique is clearly warranted to be useful in avoiding failure. The construction industry in the United States regards failure as the Skeleton in the family closet. But isn’t it also useful at the family picnic (IA)? What clients are demanding more performance than designers are responsible for that performance — designers and a whole new sub-profession of consultants (IA) — squeeze the last nickel and dime out of the building contract. Money is the overriding pressure. Why can’t we deal with failure? What’s wrong with experimentation? new processes, trial (without trial can there be error)? innovation and exploration? Design without the possibility of failure is not possible today. The Lighthouse at Alexandria failed (earthquake) after 1200 useful years — still someone could have been crushed under the rubble.

construction specifications institute, portland chapter

Jan., 1979

the predicator

Margie Largent, Editor
15800 S.W. Boones Ferry Rd.
Lake Oswego, Oregon 97034
636-6977

PAID

BULK RATE
U.S. Postage
Permit No 1737
Portland, OR

Dated Material

Robert R. Klas, Architect
85 SW Williams Drive
Beaverton, OR 97005

NORTHWEST REGION & INSTITUTE

DIRECTORS: Jess Welkins (Puget Sound) (206) 682-0361
William Mincks (Spokane) (509) 335-8500
Education Committee (particip.) Larry Arnold
Award Committee - Jim Luby
Liability Comm — Al Bannon
Tec. Documents (Particip.) Rob McDonald

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Robert Klas 79 President
Ted Lundy 81 President-Elect
Jane Samper 81 Secretary
Don Ashion 80 Treasurer
Margie Largent 79 Directors
Warren Koopke 80

COMMITTEE CHAIRMEN 1978-79

Technical Committee — Lee Kilbourn
Education Committee — Dennis Obert
Program Committee — Rod Moorman
Ted Lundy
Chapter Affairs — Milton Kingland
Membership — Les Seeley
Hospitality/Telephone — Pat Murphy
Publicity Committee — Bill Samuels
Archivist — Mary Alice Hutchins
Awards —
Products Fair — Don Eggleston
Larson — Larry Arnold AIA
Gordon Todd AGC
Les Seeley PC
Donald Kramer, Struct Eng
To-Funakoshi Mech Eng
Predicator Editor — Margie Largent
Nominating — Dexter Walter

CONFERENCE CHAIRMEN 1978-79

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85 SW Williams Drive
Beaverton, OR 97005

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PRESIDENT'S COLUMN Bob Klas

After being on the job eight months, I would like to share a reflection on the business of CSI (Construction Communications) and the less important business of CSI Officers (Administration). At all levels we should question whether a proposal has significant impact on construction communications. The last thing any of us need is more changes. Communication is the word for:

SCHEDULE '78-'79

MARCH 13 program MOISTURE CONTROL Coordinator Jim Davidson
APRIL 12 program at Coliseum Coordinator
MAY 8 program HARDWARE Unlocking the Mysteries of Finish Hardware-Jt. with D.H. O'REE Coordinator Ken Searl, CSI
JUNE 12 program Annual meeting & fun night Coordinator Bob Klas

UP COMING EVENTS

Chapter Board Meetings Thursday noon following chapter meeting — at CSI office Open (223-8231)
Tech Documents — Jan 18 5:30 p.m. 111 S W Oak — Lee's place Long range planning — at Dick Ehman's ofc Program — 4th Thurs CSI Office noon SEMINAR Division 1 Feb 23 24 1979 Coordinators Dick Ehman FCSI, Larry Brown, FCSI PRODUCTS FAIR Coliseum April 12, 1979 Free parking midday 16th NORTHWEST REGION Conference — Rosara Resort Orcas Island April 26-29, 1979 Plan your vacation now 23rd Annual Convention & Exhibit CONSTRUCTION SPECIFICATIONS INSTITUTE Cincinnati, Ohio June 17-20, 1979

AROUND THE REGION

Regular Chapter meetings
COOK INLET 3rd Wed (Call Harley Hightower, 276-2242)
PUGET SOUND 2nd Wed (Latitude 47)
SPOKANE 2nd Thur (Fireside Inn)
WILLAMETTE VALLEY 3rd Thur (Bev's Steak House)

Outstanding events

JUNE 12 program Annual meeting & fun night Coordinator Bob Klas

LEGAL ASPECTS IN CONSTRUCTION

tuesday, Feb. 13, 1979

RESERVATIONS for the program only
Place The Mallory Hotel
Time 5:30 Social Hour
6:30 Dinner — $7.25 inc grat no shows will be billed
7:30 Program/Business

SPEAKERS

Bill Sheridan, Attorney firm of Toose, Kerr, Peterson, Marshall & Shenker - special in field of business law will speak on the legal aspects of construction documents, products, services, contracts, insurance, language and others.

WAYNE FORSGREN Attorney w/Safeco Insurance Co.

ESSENTIAL

is the word for

DIVISION 1
Master Guide
Specs. if you are using AIA-A-201 or NSPE/ACEC 1910-B: the Division 1 package is — essential!

Over two years of coordinated work with AIA, NSPE and AGC produced these much needed documents. Many changes are incorporated in this newly published work. Each set contains 24 of the most used sections relating to coordination with standard general conditions and guides to Supplementary conditions.

Portland Chapter CSI is presenting a 2 day seminar on DIVISION 1 — this month! [Four of our Chapter Members went to San Francisco last year to attend the same seminar — if you have questions call Ivan McCormick. Mary Alice Hutchins, Lee Kilbourn or Jim Tidwell ] LAST CALL!!

Cont. on Pgs. 6 & 7

CHAPTER MEETINGS
SCHEDULE '78-'79

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WAYNE FORSGREN Attorney w/Safeco Insurance Co.

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MARCH 13 program MOISTURE CONTROL Coordinator Jim Davidson
APRIL 12 program at Coliseum Coordinator
MAY 8 program HARDWARE Unlocking the Mysteries of Finish Hardware-Jt. with D.H. O'REE Coordinator Ken Searl, CSI
JUNE 12 program Annual meeting & fun night Coordinator Bob Klas

UP COMING EVENTS

Chapter Board Meetings Thursday noon following chapter meeting — at CSI office Open (223-8231)
Tech Documents — Jan 18 5:30 p.m. 111 S W Oak — Lee's place Long range planning — at Dick Ehman's ofc Program — 4th Thurs CSI Office noon SEMINAR Division 1 Feb 23 24 1979 Coordinators Dick Ehman FCSI, Larry Brown, FCSI PRODUCTS FAIR Coliseum April 12, 1979 Free parking midday 16th NORTHWEST REGION Conference — Rosara Resort Orcas Island April 26-29, 1979 Plan your vacation now 23rd Annual Convention & Exhibit CONSTRUCTION SPECIFICATIONS INSTITUTE Cincinnati, Ohio June 17-20, 1979

AROUND THE REGION

Regular chapter meetings
COOK INLET 3rd Wed (Call Harley Hightower, 276-2242)
PUGET SOUND 2nd Wed (Latitude 47)
SPOKANE 2nd Thur (Fireside Inn)
WILLAMETTE VALLEY 3rd Thur (Bev's Steak House)

Outstanding events

JUNE 12 program Annual meeting & fun night Coordinator Bob Klas

LEGAL ASPECTS IN CONSTRUCTION

tuesday, Feb. 13, 1979

RESERVATIONS for the program only
Place The Mallory Hotel
Time 5:30 Social Hour
6:30 Dinner — $7.25 inc grat no shows will be billed
7:30 Program/Business

SPEAKERS

Bill Sheridan, Attorney firm of Toose, Kerr, Peterson, Marshall & Shenker - special in field of business law will speak on the legal aspects of construction documents, products, services, contracts, insurance, language and others.

WAYNE FORSGREN Attorney w/Safeco Insurance Co.

ESSENTIAL

is the word for

DIVISION 1
Master Guide
Specs. if you are using AIA-A-201 or NSPE/ACEC 1910-B: the Division 1 package is — essential!

Over two years of coordinated work with AIA, NSPE and AGC produced these much needed documents. Many changes are incorporated in this newly published work. Each set contains 24 of the most used sections relating to coordination with standard general conditions and guides to Supplementary conditions.

Portland Chapter CSI is presenting a 2 day seminar on DIVISION 1 — this month! [Four of our Chapter Members went to San Francisco last year to attend the same seminar — if you have questions call Ivan McCormick. Mary Alice Hutchins, Lee Kilbourn or Jim Tidwell ] LAST CALL!!

Cont. on Pgs. 6 & 7

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WAYNE FORSGREN Attorney w/Safeco Insurance Co.
STATUTES OF LIMITATION: MORE FUEL FOR THE LIABILITY FIRES...

can the estate of Louis Sullivan be sued for malpractice in the design of a building by Sullivan in 1898 which allegedly results in property damage in 1978 ? Philip F. Purcell, writing in the Dec. 78 ARCHITECTURAL RECORD explains how this could be possible if the ‘discovery rule’ were applied — also,

Architects can extend limitations by doing additional work on previous projects.

Read it all in The Construction Specifier

ARCHITECTS & THE NEW COPYRIGHT LAW —

An article in the July ‘78 Construction Specifier by Alan E. J. Brannigan, that all architects should read, explaining the new Copyright Statute (which replaces the old Copyright Act of 1909) and the increased rights of ownership to the Architect. The Specifier is available in the CSI Library — or on loan from any CSI member.

SELF-INSURANCE FOR PRODUCT LIABILITY LOSS MAY BE ALLOWED by Congress. It is considering legislation to let companies to set up tax-exempt trusts. The trusts would pay product liability claims and all the related expenses. Funds put into the trusts would be deductible, and they would be tax exempt. It would be a reserve for liability losses to be used as the cash is needed.

The money in a trust would be invested by the trustee under the bill, although Congress may end up restricting the type of investments allowed. It would also set statutory limits on amounts of deductible contributions, though businessmen insist that any such limits would be self-defeating because various firms are subject to different levels of exposure.

from Nov. 78 Specifier

"National Outlook"

LAST MONTHS BLOOPER! Only half of the technical document committee’s work was inserted. THE TOP DATA FOR MAT was in most of your PREDICATORS with a few having BOTTOM DATA FORMATS but with none having both as was the intent. The footnote added to the BOTTOM DATA FORMAT that is inserted with this Predicator will explain how to use it.

NORTHWEST REGION “THE TIME OF YOUR LIFE”

We would like to take this opportunity to remind you that the Region Conference for all members of CSI. We hope that you will plan to attend and take advantage of the location for this conference as a mini-vacation. The location selected for this conference is Rosario Island Resort located on Orcas Island in the San Juan Islands — part of the Northwest’s Sunshine Belt. The resort’s thousand acre estate reaches up the slopes from the shore in an unspoiled woodland wilderness with well maintained trails for hikers to explore. There is also boating, tennis on one of the two championship tennis courts, golf just a few miles from the resort at the Orcas Island Golf Course, fishing and swimming in one of the three pools which dot the Rosario grounds — one indoors for all weather use.

Schedule:

Th p.m. Apr 26 - Registration
Fr a.m. Apr 27 - Admin: Conf
p.m. - Technical Time Mgmt evening - buffet & party
Sa a.m. Apr 28 - Institute affairs
p.m. - Business/Region evening - banquet, awards
Su Apr 29 - Fun Time

A beautiful new boat is available to take a group from Anacortes direct to Rosario on Thursday afternoon. The same boat would return this group to Anacortes on Sunday afternoon. We would need 46 members and guests to make this trip and the round trip cost would be about $7.00. Everyone would meet in Anacortes at a designated time (approx. 1:00 p.m.)

This same boat is available on Friday to take the spouses on a shopping and sightseeing trip to Victoria on Vancouver Island. The cruise would require approximately 1½ hours each way at a cost of approximately $16.00 per person. We would leave Rosario at approximately 9:00 in the morning and return leaving Victoria about 2:30. Again, the cost depends on approximately 46 people interested on making this trip.

We need to determine how many of our members tentatively plan on attending the conference and if they would be interested in the Thursday boat trip to Orcas or the trip to Victoria on Friday. Please fill out the tear-off below and return to Jan Freeburg, C/O Zesbaugh, Inc., P.O. Box 9468, Seattle, Washington 98109.

YOUR REPLY IS URGENTLY REQUESTED.

I tentatively plan to attend the Region Conference arranged on Thursday _________/ Friday _________ My spouse will attend with me _________ yes _________ no

I would be interested in the boat trip from Anacortes on Thursday, returning on Sunday _________ yes _________ no

My spouse would be interested in the boat trip to Victoria on Friday _________ yes _________ no

Member’s Name __________________________ Chapter __________________________

Address __________________________

January Program

A lot of ice has formed under the bridge since our JANUARY meeting was canceled — due to ice — and somewhat unsure footing for our DUCKS BEAVERS AND TRAILBLAZERS (the bottom three)

The JANUARY meeting has been re-scheduled for May 8, 1979. 70ish people signed up for the HARDWARE program so it must be a timely topic. See you in May.
Revised Construction Dictionary Available

The 4th Edition of the Construction Dictionary, edited and published by Greater Phoenix Arizona Chapter of the National Association of Women in Construction (NAWIC), contains approximately 14,000 terms with 15,500 definitions. Also included are tables, facts and figures pertinent to construction abbreviations, and listings of construction associations and government agencies. A new feature on architectural symbols found on blueprints has been added.

Both slang words and technical terms are listed. All areas of construction are covered, from general engineering and building to the specialty areas such as electrical and plumbing. Those related to the construction industry, such as accountants, attorneys, bonding and banking representatives, and those employed in construction offices, will have need for this reference book.

Copies of the new book may be ordered from local Chapters of NAWIC or directly from the Greater Phoenix Arizona Chapter, NAWIC, Box 6142, Phoenix, AZ 85005. $17.00 prepaid. billed orders are $18.00 per copy. Publication August 1978.

BS by KS

When I was asked to write this column, it was agreed I could write about almost anything that was in the realm of construction specifications which covers a lot of territory. For those of you who are not sure what BS mentioned above refers to, I will re-state the meaning. BS in this case refers to basic specs, better specs or just plain 'bout specs. There now. I hope this clairs up any misconceptions you may have had.

This month I decided to say a few words about concrete. A lot of people call concrete cement and most of us just look at it and say, Oh what the heck? Concrete is just a gray blob and the only reason we use it is because we've always done it that way. First of all, in building construction the three most critical or important items are the foundation, usually concrete, the material it is placed on and the roof structure including roofing. Without these a building is nothing. Over the years I have done a lot of observation of poured-in-place concrete and I will pass some of these observations on to you.

We hear a lot of stress being placed on sampling and testing of concrete and the prescribed methods are in printed form. For years if a test cylinder or cylinders did not meet required strength it was a tendency to blame the person who cast the test cylinders, making claims that you didn't follow proper procedures or let them put too much water in the mix. When I was younger I sort of believed all this baloney but then I decided to find out for myself if this was true. The answers are no it is not true.

One can take a test cylinder by filling it at once, rapping it a few times on the sides and smoothing off the top and to and behold the test will often times exceed cylinders taken in the prescribed manner by 100 to 400 PSI. Also I ran some tests deliberately adding too much water and here again they sometimes fell 100 to 200 PSI. And often times were the same or 100 to 200 PSI stronger. Now what I am saying is that one should always and I repeat always take concrete test cylinders in the prescribed manner because this is a standard norm and gives consistency of testing. What I am also saying, if in the future tests run lower than required, don't blame the test procedures. Blame the mix or the cement. In case you didn't know cement and aggregate procedures have problems also. Some specifications I have read are much too stringent on concrete slump. On regular concrete 3 to 5 inches is not excessive. There are some exceptions, however notably topping slabs or thin slabs. I recommend in the vicinity of 2 inches for these rascals. Another item to remember is do not pour slabs on grade or sidewalks directly over crushed gravel or more checking and cracking will occur. Place a layer of sand or other means over the crushed gravel so that poured concrete can slip.

In closing I will add one more tidbit of information that should be interesting. Years ago I handled test cylinders after casting with great care believing the verbal and printed instructions I received were well to make a long story short, I took 4 test cylinders that were 24 hours old to the testing laboratory and unloaded them gently at their rear dock and then a very large lab assistant grabbed them, cut off the waxed cardboard, laid them on their side and kicked them rolling them over to the other side of the lab stopping when they hit a concrete block wall. Yes, you guessed it, these cylinders all exceeded the strength requirements. I still don't recommend this method of handling but the point is don't be scared of the cylinders either.
Our membership is busily working on problems and unnecessary paperwork, the government comes to mind. CSI has done a credible job of improving communication between designers and builders, but there is no apparent effort to effectively simplify communication with government agencies who increasingly think they must oversee our professional efforts. We can usually determine a time and cost for doing our part of the building process, but anyone who has dealt with the government quickly learns that any time and cost estimate for that has to be a wild guess. There have been efforts to simplify the process, but they always seem to result in another layer of bureaucracy. Even the agencies themselves do not seem to understand the problem beyond their own bailiwicks. Much of the problem lies with the increasing number of agencies and inadequately trained staffs, their overlapping concerns and unnecessary regulations, and constantly varying interpretations of the requirements.

The Portland Chapter has held meetings to help us understand. However, we cannot achieve much in a single meeting or individually. Since we are not going to change the situation in our professional lifetime, it is time for the Construction Industry to take the initiative. Can we not work together to develop a format and research and determine the agencies and the guidelines that would affect any particular project or locality? We will be told that this already exists, but the problem is that it cannot be found in one location and no one has compared all the parts. This is certainly a project of enormous dimensions, however, if all of us shared what we already know, we would have a very good start. The shared research would save everyone time, and we would be strengthened by knowing the guidelines and interpretations each of us are subject to. As a group we could demand equitable and consistent regulation.

No political intentions should enter this project. The indisputable fact is that this is an increasingly time consuming area of construction communications that cries for our attention in a positive effort to solve a very large problem. I know of the situation as an Architect. Owners, Contractors and Suppliers have similar experiences which we should be aware of. Please let me have your ideas.

SIGNED
THE FOOL WHO RUSHES IN, WHERE ANGELS FEAR TO TREAD

Board of Directors' Meeting
December 14, 1978 12:00 Noon

PEOPLE IN ATTENDANCE: Ashton, Eggleston Klas, Kilbourn, Koepke, Largent, Murphy, Obert & Sampier

Tod Lundy announced his resignation for the Board of Director and President-Elect position due to personal commitments. Motion was made, seconded and passed to accept Tod's resignation.

Membership — Our membership is currently at 183 paid-up members.

Technical Committee: Lee Kilbourn announced Thursday, January 18th is the next technical committee meeting. Also a technical aid series is being written.

Education: Dennis Obert discussed having a mini seminar on Master Format at the Products Fair in April.

Products Fair: Don Eggleston reported a master exhibit list is being compiled for the 5th Annual Products Fair to be held April 12, 1979. Decorators West has been selected for the fair and lunch will be catered with a no host bar.

Bill Samuels announced his firm will transfer him to Seattle effective January 1st however he will continue on the Board as he will be traveling from Seattle to Portland.

Treasurer Don Ashton presented financial report for first and second quarters with a analysis of how financial activities are relating to budget estimates. Current totals in checking $355 00 in Savings $4,512,000. The Board discussed mailing permits and motion was made, seconded and passed to purchase a mailing permit in Portland.

Meeting adjourned at 1:20 P.M.
MEMBER AWARENESS

Ken Seati (alias KS) has been appointed to The Joint Committee — (AIA-AGC-CSI-CECO) by Bob Klas. A meeting is scheduled for Jan. 25th. Watch for a report.

Bill Samuel has been promoted to the Seattle office for several months but he will be back.

This seems to be a stressful time with many board members. Busines and personal obligations have necessitated two resignations (Hunt Jones and Tod Lundy). Replacements are being sought as are new board members (for next year). You may be contacted by either your president, Bob Klas (resignations) or your nominating committee. Dexter Walter. Please be prepared to serve your chapter. We have a good chapter but leadership is the key element and that is you! How many times have you thought that you could do it better? We need YOU!

Stan Nelson has been appointed to fill Tod Lundy's unexpired term on the Board of Directors. Stan is an architect with the Vancouver, Wash. firm of Cassady & Associates.

COURT ASKED TO RULE IN STRIKE ISSUE

Should workers on strike be entitled to receive unemployment compensation? This question, long debated in state and lower federal courts now may reach the U.S. Supreme Court. The Chamber of Commerce of the United States through its litigation center has asked the high court to review three court cases in which the Chamber has challenged the legality of such payments on the ground the payments give strikers an upper hand in dealing with employers during contract negotiations.

NOMINATING COMMITTEE REPORT

Industry members who have accepted the honor and obligation of serving on the Board of Directors if elected are Jim King, SNYDER ROOFING Patrick Murphy, WESTERN BLOCK INC. Les Seeley, D E L D ISTRIBUTING CO. Keith Schaber, CONSOLIDATED FIBER-GLASS PRODUCTS, INC. (One to be elected)

Professional Members who have agreed to run are Ivan McCormack, SOM. Al Stahlecker, Architect. Bill Chrisear, BGB & G ARCHITECTS (Two to be elected)

Nominations will be asked for from the floor at the February meeting. March will be our election meeting.

Dexter Walter, Chmn

MEMBERSHIP ADDITIONS Clip & Paste in CSI Directory

Stan E Kuback
U.M.A. Engineers, Inc
Board of Trade Bldg. Suite 700
310 S W 4th Ave
Portland, Oregon 97204
224-6300

Greg Hranac
Makenzie, Saito & Assoc., Arch
2850 NW 31st
Portland, OR 97210
224-9570

Barry L Young
SYB-Mercer Ind Inc
P.O. Box 10166
Portland, OR 97210

SPRING 1979
Division One—General Requirements is designed to be an organizational key to the written construction documents; (1) Bidding Requirements, (2) Contract Forms, (3) Conditions of the Contract and (4) Specifications.

These headlines indicate a renewed emphasis being put on the development and proper usage of Division 1 sections. Why? The answer is simple. It (Division 1) is an idea whose time has come.

Although Division 1 has been with us since the introduction of the Division CSI Format in 1963, it has been unused—and disabused, principally for two reasons: first over a period of many years, published General Conditions, such as those of the American Institute of Architects, and the National Society of Professional Engineers, had progressively—for want of a better location—incorporated administrative and work-related clauses. This inclusion both reduced the clarity of the General Conditions and obstructed the development of Division 1 sections. Second, due to lack of well developed guides for Division 1 sections, there was little

Division 1 and Bidding Requirements

To understand the use of Division 1, the entire content of construction documents must be properly categorized. Each element placed in context with the other—without duplication. Figure 1 illustrates these elements and also graphically defines two distinct terms: Bidding Documents and Contract Documents. As illustrated (in accordance with current published General Conditions), the Bidding Requirements are not a part of contract documents. Thus, provisions stated only in bidding documents may not be legally enforceable during the course of construction. The solution—utilize Division 1 for those provisions which must remain enforceable: work covered by contract documents, the scope of separate contracts, procedures for consideration of substitutions and product options, and procedures for resolution of discrepancies and ambiguities.

Figure 1

As a practical consideration, items in Bidding Requirements should be stated only in sufficient detail to cover the bidding period. The expanded requirements needed during administration of the construction contract are simply not warranted in Bidding Requirements. The CSI Manual of Practice long-standing principle that a matter should be stated only once applies here. Sections of Division 1 should specify the total job requirements with cross references in Bidding Requirements, if needed, to direct the Bidder to the topic in Division 1.
**Division 1 and Conditions of the Contract**

Conditions of the Contract, when using published standard documents, consist of General Conditions and Supplementary Conditions. The General Conditions contain basic provisions affecting the rights and duties of parties involved which are relatively constant—typical of the vast percentage of projects constructed. There are, of course, provisions of the General Conditions that will require supplements—modifications—due to project requirements and regional variations. These are contained in Supplementary Conditions, as are additional articles, such as specific requirements for insurance, and requirements for certification of prevailing wage rates. Preparation of Supplementary Conditions should be carefully controlled to assure that provisions specified in Division 1 are not repeated in Supplementary Conditions.

Division 1 sections related to stated provisions in General Conditions, expand upon those provisions which are work-related, procedural, and strictly administrative and have common application to sections of Division 2 thru 16. For example, the Division 1 section on Shop Drawings, Product Data, and Samples (Section 01340) contains the procedural and processing requirements, expanding upon the basic provision of General Conditions which requires their submission as a duty.

**Division 1 Specification Sections**

Division 1 sections specify three categories of information:

- Administrative requirements, such as definition of type and scope of the contract, relation to other contracts (if any), and contractor's and owner's responsibilities in the use of the site during construction.
- Procedural matters, such as submittals, schedules, testing laboratory services, record documents and contract closeout procedures.
- Temporary Construction Facilities required to be furnished by contractor, or owner.

Specifications in use prior to development of the Division 1 concept routinely contain repetitive provisions in various sections which relate to the same administrative or procedural matters, such as Allowances, Shop Drawings, Product Data & Samples, Testing Laboratory Services, and Substitutions and Product Options. Many such specifications have evolved into office masters and developed into commercial master specifications stored in computer banks for access by various disciplines.

Division 1 sections are designed to be used with Products Specifications (in Division 2-16). However, under a basic principle of the CSI Manual of Practice, a requirement should be stated only once in any Project Manual (e.g., the dollar values of every cash allowance should be stated once—in the Division 1 Section ‘Allowances’, the section specifying the product under the allowance should then cross-reference back to the ‘Allowances’ section for that dollar value).

The Specifier should carefully review every section of the Product Specifications (in Division 2-16), and should delete all provisions which are stated in Division 1 sections, then insert a cross reference to the proper Division 1 section.

**Guidance**

Seminars on the Use of Division 1 are being presented by local chapters in various cities of the country. Developed under the auspices of CSI's Education Committee, the basic seminar is based on current CSI Manual of Practice publications and CSI's Master Guide Specifications Series. Copies of these publications and other documents referenced can be obtained by utilizing the publications listing and order form printed monthly in The Construction Specifier.

### Division I—Master Guide Specifications

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<td>Allowances</td>
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<td>Project Record Documents</td>
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<td>Warranties and Bonds</td>
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**February Crisis**

Rob McDonald's column has been pulled out (at his request) due to premature release. Watch for it next month.
to the editor

Dear Margie,

Pardon me while I take the time to comment on the work of the Technical Committee sub-committee on Page Format January Predator. Usually whenever there are articles on increasing standardization in format of specifications which just are not applicable to the small office practitioner they appear in one of the national publications of CSI and are too remote to deserve a reply. But when one appears in our local organ the perpetrators are more accessible and should be challenged before anyone believes that their suggestions are the gospel and somehow binding whether or not they make any sense.

Possibly I am still remembering John Crook's letter on numbering some years ago. It was one of the times I have agreed with John, but he was right-on in attacking the numbering rigidity of the Manual of Practice. I would like to take on the proponents of the proposed paragraphing and indentation.

The ten percent of architectural and engineering offices which have the volume and staff resources to avail themselves of datatransfer and word processing equipment will have no problem in adapting their formats and numbering to nearly any system of standardization. The current CSI Format and its five digit section number system and paragraph and line numbering is a natural for the automated word processing equipment and programs, which are also able to do any amount of indentation with little trouble. Architects and engineers who plan formats should also have to do the typing of a manually produced specification at least once to understand the work errors, and tedium which is a result of any increase in the amount of tabular work in the copy. It makes very little difference whether the office is still using a cut-and-paste specification method (Most do) or work from some form of office master specification in manual typing and reproduction of specifications. Any simplification of the format which contributes to the speed and accuracy of the production of the finished product is money and liability saved. It is a mistake of CSI to give the impression that standardization on a format which is easily reproduced by a computer or a drudge is a necessity which is binding on the predominant

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one and less than ten offices with a human typist, possibly the architect himself.

I don't offer my format as perfect. There are obviously many improvements which I should make for the sake of clarity but it shows one form that a very basic format can take using a minimum of indentation and numbering, and I would a lot rather type my format than the one recommended by the sub-committee with some obvious improvements - next time.

Sincerely,

Al

MUTUAL MATERIALS
DEXTER WALTER, CSI
Office 656 7166

construction specifications institute, portland chapter

the predator

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Lake Oswego, Oregon 97034
636-6977

Dated Material

Robert R. Klas, Architect
35 SW Williams Drive
Beaverton, OR 97005

BULK RATE
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Portland, OR
Our Board of Directors will be reinforced by the election of three new members this month. We have a very able President-Elect in Rod Moorman who, at this moment, is considering the important selection of Committee Chairman for next year. The Portland Chapter will continue to function under the best available guidance. However, it has not been easy, particularly in the selection of an eligible President. Even with last year's decision to open the Presidency to industry members, the By-Laws are very restrictive about who is eligible to serve in this office.

Three Directors are elected each year to serve three year terms. A person must serve on the Board one year to be eligible for the President-Elect position. Then a year as President-Elect is expected before a person can serve as President. This means that one of the three Directors elected each year can be expected to serve as President three years hence. On the face of it, this procedure seems to present some choice, however resignations and new appointments make some of the Directors ineligible because they have not served enough time on the Board.

We must also remember that CSI is a volunteer organization. As committed as many people may be to the goals of CSI, their work and family requirements simply will not permit them devoting the time required to serve as President. In any position of responsibility, particularly the Presidency, an individual must want to do the job well, be able to find the time it requires, and get some satisfaction from it. We cannot settle for less.

We have had situations where there was no one eligible under the above requirements to serve as President. It appears the By-Laws need some refinement to get us out of this dilemma, but it should be done carefully, rather than quickly. I do not have a solution however. I do know that a couple years service on the Board of Directors is essential for an individual to perform as President.

A certain way to ease most of our problems is to activate the most worthwhile advice we have received from the Long Range Planning Committee — development of leadership. At all levels as many members as possible must be actively involved in attendance, helping with single projects, and committee assignments leading to positions of more responsibility such as Chairmanships and Directorships. We have a great resource of able people who are waiting to be asked to help. It is vital that as many as possible volunteer to spread the work load and the experience.

CHAPTER MEETINGS SCHEDULE ’78-79
APRIL 12 program at Coliseum Coordinator Jim Davidson MAY 8 program HARDWARE Unlocking the Mysteries of Finish Hardware-Jr with D.H. ORE Coordinate: Ken Searl, CSI JUNE 12 program Annual meeting & fun night Coordinator

UP COMING EVENTS
Chapter Board Meetings Thursday noon following chapter meeting — at CSI office Open (223-8231) Tech Documents — March 8, 5:30 p.m. 111 S. W. Oak — Lee’s place Long range planning — at Dick Ehman’s ofc Program — 4th Thurs CSI Office — noon PRODUCTS FAIR Coliseum, April 12, 1979 Free parking midday 18th NORTHWEST REGION Conference — Rosario Resort Orcas Island April 26-29, 1979 Plan your vacation now 23rd Annual Convention & Exhibit CONSTRUCTION SPECIFICATIONS INSTITUTE Cincinnati, Ohio June 17-20, 1979

MARCH PROGRAM
SPECIFYING ENERGY CONSERVATION IN OREGON UNDER CHAPTER 53, U.B.C.
tuesday, March 13, 1979
RESERVATIONS Members, guests and spouses are invited for dinner Phone Janet Hill at 223-8231 by 4 pm March 12, or come at 7:30 for the program only Place The Mallory Hotel 729 S.W. 15th Ave Portland Time 5:30 Social Hour 6:30 Dinner — $7.25 including gratuity No shows will be billed 7:30 Panel Discussion Lee Kibbourn, Moderator Don Benz, P.E., will tell us how equipment manufacturers are meeting code requirements and explain energy-related jargon.

Carl Fullman, P.E., will discuss key points of Chapter 53 as applicable to commercial and residential construction. Mr. Fullman is a member of the Oregon State Energy Conservation Board.

Larry Carson, P.E., CSI will discuss design and specifications methods and methods of coordinating with other professionals.

Jim Griffith will discuss the concerns of building officials. Mr. Griffith is director of the City of Portland Bureau of Buildings.

HIGHLIGHTS OF CHAPTER 53, ENERGY CONSERVATION STATE OF OREGON STRUCTURAL SPECIALTY CODE by Larry M. Carson, P.E., CSI

The following summarizes key points in the recently updated Energy Conservation Chapter. These highlights are not intended to substitute for a thorough review of the chapter.

GENERAL
Plans and Specifications — Plans and specifications must contain pertinent building envelope and mechanical system data to indicate compliance with the chapter. Plans and specifications are subject to a plan review with computations required at the discretion of the building official. However, the presence of an architect's/engineer's stamp must be accepted by the building official in lieu of the plans check.

Alternative Systems — Chapter 53 provides for construction of buildings which do not comply with the chapter. It is proven that the building will be of less energy than a building constructed in accordance with the chapter. Supporting computations required by this provision might be simple in some situations, but could involve a computerized energy analysis in other situations.

BUILDING ENVELOPE

Building Components — Chapter 53 addresses building construction by three basic components — (1) roofs/ceilings, (2) walls, and (3) floors.

U Values — Chapter 53 prescribes the overall thermal transmittance values. Uo values for each building component with formulas, tables, and graphs included in the chapter. These Uo values are more restrictive for residential occupancies than for other occupancies. Uo values for roof and wall components are determined by a weighted average of different construction elements such as walls, windows, and doors. The practical effect of this weighted average is to limit glass areas. At this point, the chapter does not set forth any requirements for the thermal efficiency of walls except for residential occupancies. However, the Department of Commerce has indicated that such requirements will be forthcoming.

Mass Effect — The Uo value of any component may be modified by as much as 15% depending on the mass of that component. In effect, the heavier the construction, the less insulation required.

Tradeoffs — The chapter provides for trade-offs between building components. For example, a floor could be designed with less insulation than that prescribed by the chapter, if insulation was provided in the roof in excess of chapter requirements, such that the energy consumption of the building was not increased.

Vapor Barriers — The chapter has specific requirements for vapor barriers in residential occupancies. But, no requirements for other occupancies at this time. Vapor barriers for occupancies other than residential could possibly be implemented at the time that Uo values for walls are prescribed.

Air Leakage — The chapter specifies air leakage criteria for windows and doors and requires sealing of all building joints.

MECHANICAL SYSTEMS

Scope — Chapter 53 regulates HVAC and domestic hot water systems. Special applications such as hospitals, laboratories, computer rooms, and manufacturing processes are excluded.

Cooling With Outdoor Air — The chapter requires that all buildings which are cooled have the provision for using 100% outside air for cooling. When this will reduce the overall energy consumption. Although there are exceptions, including heat recovery systems, the HVAC systems above a certain size will be required to have this provision. This is consistent with current energy conservation design practices.

Simultaneous Heating and Cooling — The chapter limits the situations under which simultaneous heating and cooling (reheat systems) may be used. Again, this has been an energy conservation design consideration for some time. The chapter does eliminate some situations where — in the past — the life cycle energy efficiency of a building has been sacrificed to reduce the initial cost of the HVAC system.

Other HVAC Considerations — The chapter also has requirements concerning mechanical ventilation equipment efficiency, insulation temperature, and automatic temperature control, most of which are consistent with current energy efficient design practices.

Showers — Showers (except safety showers) must have 3 gallon per minute flow restrictors.

Lavatories (in restrooms except residential occupancies) — Lavatories must limit the flow of hot water to 0.5 gallons per minute. Limit the hot water temperature to 110°F and have self-closing valves that limit hot water flow to 0.25 gallons. At the present time, these requirements limit the variety of trim that may be installed on lavatories in this category.

Moisture control is a problem in insulated buildings. Water vapor will condense to liquid as it moves from the warm inside to the cold outside. There usually is an excess of water in the warm inside air which will condense to liquid as it moves from the warm inside to the cold outside.

The temperature at which the water condenses is the dew point. In uninsulated homes the dew point may occur on the surface of the inside wall the same as windows sweat and fog over.

NORTHWEST REGION “THE TIME OF YOUR LIFE”

We would like to take this opportunity to remind you that the Region Conference is for all members of CSI. We hope that you will plan to attend and take advantage of the location for this conference as a mini-vacation. The location selected for this conference is Rosario Island Resort located on Orcas Island in the San Juan Islands — part of the Northwest Sunshine Belt. The resort’s thousand acre estate reaches up the slopes from the shore in an unspoiled woodland wilderness with well maintained trails for hikers to explore. There is also boating, tennis on one of the two championship tennis courts, golf just a few miles from the resort at the Orcas Island Golf Course, fishing, and swimming in one of the three pools which dot the Rosario grounds — one indoors for all weather use.

Region Conference Speaker: Jim Hodgkinson, CSI, Edmonton, Alberta, Canada (Ken’s #2 subscriber to Predicator) will speak on “Specifications Canadian Style”. Simone and Jim will be bunking next to Ken and Wilma at the Villa.
The entire construction industry, including 11,000 Construction Specifications Institute members, Architects, Engineers, Contractors, and those who receive and use copies of the CSI publications, will welcome a new program of technical information to the industry.

The Technical Documents Committee meeting in Kansas City's Crown Center December 9 and 10, 1978, established and laid the cornerstone for a comprehensive two-year plan called the CDS - Construction Data System. This system proposes a project manual that would consist of a series of guides (by subject matter) incorporating the Technical Aid Series (TAS) of the MGS Spec/Text. This Guide Text Commentary, Coordination, Spec/Data, Manu/Spec, Standards Commentary, Inspection and Field Quality Control, Glossary, Regional and Local Terms and Practices.

The new CSI to be released hard copies of the Master Guide Specifications. MGS Spec/Text form the nucleus of this system. MGS Spec/Text consists of specification documents ready for quick editing, covering 220 product specifications, including mechanical and electrical subjects.

Technical Aid Series (TAS) documents play an important role in the overall CDS program. Chapters and individuals working on current TAS documents are urged to complete them and to review and revise them when each MGS Spec/Text becomes available.

A TAS document consists of source material to write a specification (or obtain technical knowledge) such as applicable standards and association and publication related books, manuals, articles, applicable codes, manufacturer information, available specification guides and/or aids (example TAS 15450, Plumbing Fixtures and Trim).

Perhaps you have an untapped expertise in one of these subjects. Contact your local CSI Chapter Technical Chairman and let him help you prepare one of these documents for your fellow industry members.

Two hundred eleven TAS documents have been published as of December 6, 1979. 40 are currently ready for printing and 200 working assignments are underway in the USA. Region I has been assigned 44 assignments, 20 of which are assigned. 2 under publication, 1 production, and 13 have been printed in the fiscal year 1978-1979. When completed, the total number of TAS documents will be 450. 500 CSI expects to release the first group of MGS Spec/Text by April 1979. The total effort will be worth it to everyone.

Rob MacDonald

Participating Member

NW Region


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Rob

16524 SE 278th St

Kent, Wa 98031

Energy Savings Center 8910 SE Stark Street. Portland OR 97216 (503) 256-0480

Wood is sold in quantities of a cord or a nick. A cord of firewood is 8 x 4 x 4

A nick is a pile of wood 8' long x 4 high and the width is the length of the wood, which varies.

Dense hardwoods such as oak, hickory, and beech, offer the most heat. To get the most heat out of your firewood, allow it to dry or season for 6 to 12 months before burning.

"The Lowest Bidder"

It's unwise to pay too much, but it is worse to pay too little. When you pay too much you lose a little money; that is all. When you pay too little, you sometimes lose everything, because the thing you bought was incapable of doing the thing it was bought to do. The common law of business balance prohibits paying a little and getting a lot - it can't be done! If you deal with the lowest bidder, it is well to add something for the risk you run. And if you do that, you will have enough to pay for something better.

John Ruskin

1819-1900

Reprint from CSI Memphis - November 1978
February Meeting

The February dinner meeting was held jointly with Producers Council at The Mallory Hotel and featured William Sheridan, attorney with Teague, Kern, Peterson, Marshall & Shenker, and Wayne Forsgren of Safeco Insurance Co., who spoke on the subject of Product Liability.

Prior to the program, Dick Ehmann commented on the upcoming Division 1 Seminar February 23 & 24 and Rod Moorman reminded everyone of the Products Fair on April 12.

The following members were then nominated for chapter directors: William Chrisemer, Ivan McCormick, Al Staehli, Mary Alice Hutchins, Jim King, Pat Murphy, Keith Schaber, and Les Seeley. There were no other nominations from the floor.

Bob Klas then introduced Ken Seaf (himself) as a nominee for Region Director. Ken commented on Letters to the Editor which culminated in a standing ovation for our present Predicator Editor Margie Largent.

The program was then turned over to Les Seeley who introduced the speakers.

Bill Sheridan spoke at length on the legal aspects of product liability, and described in detail the different types of warranties. He summed up by saying the best way to stay out of trouble is to be sure when you represent a product as meeting a particular specification, that it does, in fact, do just that.

Wayne Forsgren then spoke about the necessity in today's business world of adequate insurance coverage, particularly as it relates to product liability.

The meeting adjourned at approximately 9:30 p.m.

There were 56 people in attendance.

Warren Koepeke

Nominating Committee Report

Industry nominees:

KEITH SCHABER joined CSI in 1971 - was membership chairman in 1974 participated in CSI Spec judging in 1974 worked on Products Fair in 1979, presented a CSI Roofing Seminar in 1973. Keith is sales rep. for Conglas. He would like to involve more contractors and owners to develop readable specs.

PAT MURPHY joined CSI in 1976 - is currently chairman of the Hospitality and Telephone Committee and worked with AIA on the newly founded (78) Annual CSI/AIA Golf Tournament Father Bill Murphy, and Pat own Western Black Co Pat graduated from OCE 74 - background in Business Admission at OSU Journalism at U of O, as well as numerous night courses in electronics, finances, and management Pat seeks to increase the professional membership and participation of CSI.

JIM KING - Snyder Roofing & Sheet Metal Inc - CSI '70 Past president of National Roofing Contractors Assn Jim was part of our last program on Roofing.

LES SEELEY - please read the Predicator Feb. '79 page 1 Tells all about Les.

Professional Nominees:

IVAN MCCORMICK (SOM) joined CSI in 1971 - is a member of the Products Fair Committee 79. Attended as delegate - National Conventions in Washington 73 Portland 74 Denver 77 Ivan has had other personal involvements that kept him from being more active in CSI affairs - But is now able and willing.

MARY ALICE HUTCHINS Architect (specification consultant) has been a member of CSI since its founding. She has been a member of the Portland Chapter since 1972. Has attended 6 National conventions - (delegate to most of these), at least 6 Region Conventions. Was photographer (1976) assisted on Tech documents 1977 and archivist 1978. She has returned to
Mar., 1979

Honolulu for Specification Consultation from time to time although Portland is now her home.

AL STAHL joined CSI in 1972 — has coordinated two CSI programs and is a member of American Arbitration Assn — See Dec. Predator.

WILLIAM CHRISTENSEN CSI 74 Bill lives in Salem works in Portland for BGBG Architects — and wants to be working closer with CSI.

MEMBERSHIP ADDITIONS Clip & Paste in CSI Directory

Jim Palmquist
Standard Dry Wall Products
4972 Cascade Hwy S E
Sublimity, Oregon 97385
769-6105

(Bud) Kingsley T Wall
Cal-Wood Door
Santa Rosa, Ca
E W Shields, Inc.
P.O. Box 66308
Portland, Oregon 97219
777-5481

Marlis A Ruffener
Kelly-Goodwin Hardwood
3079 N W Front
Portland, Oregon 97210
222-1604

James Walsh
Mitchell, Nelson & Walsh
1420 S W Broadway
Portland, Oregon 97201
225-0822

David A. Rude
BEC Engineers, Inc.
301 E McLoughlin Blvd
Vancouver, Washington 98663
390-1190

Ken Hilligoss
Glynbrook Construction
P. O. Box 932
Salem, Oregon 97308

Arden M. Newbrook
Yodogawa, McCartan, Newbrook & Assoc.
213 S W Ash St
Portland, Oregon 97204
224-0424

Tod Lundy
Tod has a Master of Architecture degree, his own architectural office at B350 SW Stark St. He is co-program chairman (78-79) was program chairman 77-78, and in his spare time does some building.

MEMBER AWARENESS

Stan Nelson stepping into Tod's boots.

COHAN COURT & SPORT
SURFACES · EQUIPMENT · LIGHTING · SEATING

W. N. 'NICK' MERRIMAN, CSI
MASON'S SUPPLY COMPANY
2037 S E, 12th
Portland, Oregon 97202

METOS SAUNA
REINO TARKIANEN, CSI
Finnish Sauna from Finland, Inc.
3400 S.W. Oak Street
Portland, Oregon 97223

Modernfold Northwest Inc.

CHRIS SALLEE
Sales Representative

Wholesale Distributors of Building Materials & Floor Coverings
8111 N. Denver Ave., Portland, Oregon 97217, Phone 285-6811

Uniq Distributing Company, Inc.
Quality Ceramics, Tile and Floor Coverings

JERRY VAN SCOCY, CSI
Executive Dir. Inc.
ROUGH CARPENTRY, OCTOBER 1968

(Published in The Construction Specifier), By DON WALLACE CSI AIA

2.01 MATERIALS

A 3 End Jointed Lumber PS 56 appears on finger jointed lumber inter
changeable with solid sawn lumber. PS 56 does not necessarily appear on
end jointed Stud grade or Construction. Standard or Utility grades when
used for studs
A 4 b Studs 1 2 to 4 2 thick, 2 6 6 wide 10 ft. and shorter (Note —
generally sold in cut lengths 2x4 and 2x6)
A 4 c Structural Light Framing Sizes indicated are incorrect: should be 2 4 thick 2 4 wide (Both
edging options)

A 4 c (1) When specifying Fb value, state whether repetitive or single
member value.
A 4 c (3) MC-15 or moisture content 15% is not readily available in west
ern species. Specify S-DRY for dry material (19% moisture content) or
S-GAN KD designation is normally only
available in Southern Yellow Pine
A 4 c (4) Dense designation is only available in Douglas Fir-Larch in west
ern species. Mills manufacture this grade on a special order basis and
naturally prefer large quantities.
A 4 d Change dimensions to 1 2 to 4 2 thick 1 6 and wider (both editing options)
A 4 d (1) Same note as per A 4 c (1) and (3) and A 4 c (3) regarding Fb
and moisture content
A 4 b (2) The Uniform Building Code restricts use of No. 4 or Utility grade to
solid sheathing. No. 3 Common or
Standard grade can be used for
spaced sheathing

GENERAL INFORMATION

1 Machine stress rated material should be noted as a potential option for
light framing, structural light framing and structural joist and planks.
See page 13 of the 11/78 WWPA
Product Use Manual for allowable stresses (call Don) (or Shar Escudero)
at 224-3930 for a copy if you need one.
2 Western species framing lumber does not make any distinction be
between kiln drying or air drying. Specify
19% moisture content at the time of
manufacture when dry framing is de
sired. Gradestamp will indicate S
DRY. Typically, the industry does not
dry lumber over 2 2 thick

For several years now we have been talking about changing to the metric system but as yet progress along this line hasn't been exactly greased lighting. I think what has happened to some extent is that many people have the atti
date that when everyone else is doing it then they will be forced to do the
same. In my area I was probably one of the first to use metrics in specifi
ations mostly in measurements. I'm not sure myself that I can convert to
the metric system for weight and liquid
measurements but I have noticed that a liter is mightily close in size to a quart.
In our specifications we include two
pages of metric tables (Section 01088) listing various conversions including
temperature. It is interesting to note
that 4.0 below is the same in both cel
lius and fahrenheit.

By now you are probably wondering how come this rascal Searle got started using
the metric system. Well for a long time I had mixed emotions about the subject
but I finally decided if we were ever
going to do it we should get started.
For some time though I didn't really have a great enthusiasm until one day
I was doing some carpenter work at
home and the only tape measure I could
find was the one I had purchased in England that showed both inches and centime
ters. Well, to make a long story short,
pretty soon I discovered I was taking
measurements in meters and centime
ters and sawing a board or piece of
plywood to fit using the metric system
100%. It was so much simpler and easier to run out to a simple centimeter or
ter measurement than using inches and feet. Try it — you'll like it. I guaran
tee it

P.S. You may gapse when you find out
what shirt size you wear in metric

<table>
<thead>
<tr>
<th>Metric Twisters</th>
</tr>
</thead>
<tbody>
<tr>
<td>It hit me like 907 kilograms of bricks</td>
</tr>
<tr>
<td>*Give him 2.54 centimeters and he'll take 1.609 kilometers</td>
</tr>
<tr>
<td>*A miss is as good as 1.609 kilometers</td>
</tr>
<tr>
<td>*Kilogram for kilogram he's the best</td>
</tr>
<tr>
<td>*A 30.45 centimeter-long hot dog</td>
</tr>
<tr>
<td>*A kilogram of flesh</td>
</tr>
<tr>
<td>*He missed by 1.609 country kilometers</td>
</tr>
<tr>
<td>*28,350 grams of prevention are worth 453,592 grams of cure</td>
</tr>
</tbody>
</table>

(Courtesy, Houston Electrical League)

By KS

Board of Directors Meeting
January 11, 1979 12:00 Noon

In Attendance: Klas, Koenko, Lainge,
Moorman, Murphy, Sceley, Nelson, Walter, Ohrent and Searle

Presidents Comments:

Seminar: Klas reported 20 paid regis
tants with 5 application requests. Dis
cussed direct mailing to Portland
members (6 now registered). Labels are
ready.

Ken S. appointed to Joint Committee
Awards Committee discussed

Letter from PHCC Re DIV 15. spec
problems asking for CSI assistance on
several points (Action Educ Comm.)

Region conference delegation dis
cussed. Charter bus? List being com
piled. Any resolutions?

Distribution of directory discussed.
Direct mailing to members suggested
— or pick up at meetings etc. How
much to charge for non-member,
commercial use etc. $5.00 per copy
was agreeable to the board.

Pres-Elect: Rod Moorman was unanim
ously selected to the long-vacant posi
tion Stan Nelson was appointed to fill
Lundys vacant seat.

Nominating Committee: D. Walter
Chairman said that a formal meeting
was scheduled to occur following the
board meeting. One industry member
and two professional members are
needed.

Membership: 187 members reported
Les Sceley 3 since last meeting

Products Fair: Parking free until 6:00
p.m. Chapter meeting will have the
same caterer as the FAIR CSI will be
at registration table with application
forms. WIC will assist again this year
CSI to have some display — perhaps
same as the one being prepared for the
AIA office. Les asked for help with the
mailing list.

Program: January cancellation dis
cussed. Ken asked to try for April and
PRODUCTS FAIR chapter meeting
June 18 still felt to be not only annual
meeting but a fun meeting — as the
boat ride last year.

Region Director: Munks letter regard
ing the January 23 meeting to start a
regular meeting night for the new
chapter forming in the TRI-CITIES area.
Klas was urged to make a special effort
to go.
In an insulated home, the inside walls will be warmer, so the dew point may occur within the walls. If water condenses in the insulation, the insulation becomes a conductor of heat rather than a heat barrier. The moisture build-up inside the walls will also cause dry rot, and moisture vapor passing through walls causes the outside paint to blister.

To avoid these problems, it is important to put a vapor barrier in all insulated walls. This is easy in a new house, but more difficult in an older home. It is also important to provide plenty of ventilation for spaces outside the insulation such as attics in order to avoid moisture buildup and possible rotting.

Most building materials in existing homes are not effective vapor barriers. For example, building paper is not a vapor barrier, but it is a moisture barrier. The difference is that vapor is water in gaseous form, but moisture is water in liquid form.

Since water vapor can only condense and become a liquid on cool surfaces, it will not condense on the warm side of the insulation. Vapor barriers should always be placed as close as possible to the warm side of the building. However, some mechanical method such as a dehumidifier may be required to keep humidity within acceptable levels. Much research remains to be done on effective vapor barriers for older homes, so it would be wise to check with your local utility or your State energy office for the latest developments.

Courtesy, Rod Moorman

**CONTRACT MODIFICATION FORM**

The main problem with current procedures for changes during construction is the amount of correspondence and time required to gain approval.

A subcommittee of the Portland Chapter Technical Documents Committee, made up of Dick Logan, Gordon Todd, Stan Nelson and Paul Martin has been working on a form to process such changes expeditiously and equitably.

The final product incorporates input from contractors, subcontractors, state and federal agencies, especially the Chicago Chapter CIAC’s study and Todd Construction’s Contract Modification Form. The Committee wishes to thank them for their contribution.

Recommended procedure for the use of the Contract Modification Form is as follows:

1. **Request** The Architect/Engineer will issue explicit drawings and/or instructions as to the scope of a proposed change in the work, identifying each change with an appropriate symbol to be used on drawing revisions, files and correspondence.

2. **Proposal** For each proposed change, the Contractor shall prepare a detailed breakdown of cost on all divisions of work and an estimated change of contract time.

   The Contractor shall review each subcontractor’s proposal and verify it as correct in scope and reasonable in cost. He shall also state any additional time required or time limitation on acceptance of the proposal.

3. **Review** After receipt of the Contractor’s cost proposal on a proposed change, the Architect/Engineer will review and recommend the action to be taken by the Owner. A cover letter or transmittal should include the status of the project accounting.

4. **Acceptance** The Owner will review the recommendation of the Architect/Engineer and either reject the proposed change or authorize the preparation of a Change Order. Distribution of copies may be handled by the Owner or Architect/Engineer.
to the editor

Dear Margie

CSI attendance at, and participation in, our recent Annual Convention at the Janitzen Beach Thunderbird helped to make it the great success it was.

Two hundred and thirty-six contractors and their wives, suppliers and manufacturers, architects and other guests, made our Friday attendance the best on record for Oregon Council PDCA.

Our thanks to you!

Sincerely
OREGON COUNCIL PDCA
Tom Schraeder
President

---

from the editor

To Chapter 36 members (voters)

We have the opportunity to elect to the Institute Board (Northwest Region Director) one of our own Chapter members. Ken Searl. Kim would be our own speaker-out of our own George Bernard Shaw typewriter (I've never seen one, but Ken insisted he isn't long).

We know that Ken will speak if we say speak — and sometimes even if we don't — but generally what we would have said KEN LISTENS WELL (Wilma?)

Ken even sets well with most people. He would say that he isn't your standard breed (Sitter) but about specs Ken knows a lot and about specifics he knows more than most Spec Writers.

If you've been reading BS by KS you know that KS doesn't stand for Kid Stuff.

Vote for Ken Don't procrastinate or those lowlanders (Brand X Chapter) will elect that other well qualified candidate and you know we need Ken to direct us!

Vote

---

CAN MONEY BUY SAFETY?

Although $157 million has been spent on the Consumer Product Safety Commission since it was created in 1973, the agency has had only a token effect in reducing the number of dangerous products on the market according to the General Accounting Office, the investigative arm of Congress.

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PREDICTOR STAFF

EDITOR Margie Largent 636-6977
ASST EDITOR Still Looking
CIRCULATION Les Seely
COPY Inga Vrta
ADVERTISING Bill Samuels
COLUMNIST Regular Ken Searl BS by KS
REPORTERS Warren Koepke, Meetings/Perky Kilbourn
ROSTER Sampier, Seelye.

---

AROUND THE REGION

Regular chapter meetings
COOK INLET 3rd Wed (Call Harley Hightower, 276-2242)
PUGET SOUND 2nd Wed (Lattitude 47)
SPOKANE 2nd Thur (Fireside Inn)
WILLAMETTE VALLEY 3rd Thur (Bav's Steak House)

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construction specifications institute, portland chapter

the predicator

Margie Largent, Editor
15800 S.W. Boones Ferry Rd.
Lake Oswego, Oregon 97034
636-6977

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Robert R. Klas, Architect
85 SW Williams Drive
Beaverton, OR 97005
PRESIDENT'S COLUMN Bob Klas

The major activities of a couple of our committees require comment.

On February 23rd and 24th The Portland Chapter hosted the Institute Division 1 Seminar Program. We owe thanks to Dick Ehmann, Larry Brown, and Lee Kilbourn for their efforts. Thirty persons attended—the optimum number recommended by the Institute. In addition to 13 Chapter members people attended from as far away as Pasadena, I.C. Vancouver, B.C. and Anchorage, Alaska. While the program concentrated on Division 1, it was broad enough to give an overview of The Manual of Practice and The Project Manual. Mr. Greenwood, whose vast CSI experience makes him The Authority in these matters, held our attention for 2 days. Mr. Vasant gave a multitude of short legal lectures as they were appropriate in the program. It was interesting observing how a person trained in legal matters could move through the confusions we all experience to the real reasons for judgements. I believe the people who attended can be more assertive of their own decisions and less panicked by legal implications.

The Chapter has hosted seminars only occasionally in the past. In the aftermath of this most recent experience I would recommend attempting to provide this type of concentrated learning experience annually. It is certainly the most effective way to improve the capabilities of our members.

Don Eggleston and a group of people will see their long, hard efforts materialize in the Products Fair on April 12th. The Products Fair has been improving every year, and this one will set standards for the future. It is to be expanded in size and held in the Memorial Coliseum exhibit halls. Free parking will be available to those who arrive before 6:00 P.M. There will be a complimentary lunch at noon, seminar type presentations on various products during the afternoon, and the April Chapter meeting at 5:30 with dinner and a program.

The Products Fair will be one of the City's major trade shows this year. We all have a vital responsibility to make it an unqualified success. Encourage all individuals involved in construction to attend.

APRIL PROGRAM

At the COLISEUM—PRODUCTS FAIR

Thursday, Apr. 12, 1979

Reservations Required

Members, guests, and spouses are invited. Phone Jan. 223-8231 by 4 p.m. for the program only. Arrive at 7:30 for the program.

Place

The Coliseum

Time

5:30 Social Hour

UPCOMING EVENTS

Chapter Board Meetings Thursday following chapter meeting—CSI Office Open (223-8231)

Tech. Documents—at Products Fair

Long range planning—at Dick Ehmann's office

Program—4th Thurs. CSI Office—noon

APRIL PROGRAM

MAY 8 program HARDWARE—Unlocking the Mysteries of Finish Hardware-Jt. with D H I ORE

Coordinate. Ken Seary, CSI

JUNE 12 program Annual meeting & fun night

Coordinator. Les Seely

TRAVEL INFORMATION P 8

JAMES E. DAVIDSON, Coordinator April program born in Oak Park, Ill. raised in Grand Rapids, Michigan. Jim has a B.A. degree from the Univ. of Michigan after serving in the Air Force for three years—WWII (six months overseas on Tinian, Marianas Islands).

Until 1976 Jim was associated with the Howard R. Davidson Co., wholesale floor covering distributors in Grand Rapids. Since 1976 he has been with THE CRONIN COMPANY, Portland, OR. Member CSI since 1977 Jim, his wife Betty, and three sons—Jim, Jeff, Jon—all are in the Northwest to stay! They say!
March Meeting

The March dinner meeting was held at the Mallory Hotel and featured a panel discussion on energy conservation in Oregon specifically commercial buildings. Guest speakers were Don Benz, P.E., representing equipment manufacturers, Carl Fullman, P.E., member of the Oregon State Energy Conservation Board, Larry Carson, P.E., representing CSI and Jim Griffith, Director of the City of Portland Bureau of Buildings. The Moderator was Lee Kilbourn.

Don Benz started by explaining the operation of a simple heat pump and guided us through the land of EER, BTU and COP. He also showed slides on heat pump units currently in use.

Mr. Fullman commented on key points in Chapter 53 of the Energy Code relative to commercial buildings.

Larry Carson indicated that compliance with Chapter 53 requires a knowledge of the Code and close cooperation between architects, engineers, and building officials.

Jim Griffith summed up his comments by stating that real conservation can only be achieved by a genuine commitment by the occupants of the buildings. He also indicated that the present code is somewhat idealistic due to the present state of the art and therefore not always enforceable.

Bill Klas adjourned the meeting at 9:40 p.m. with a reminder that the next meeting would be held at the Products Fair on April 12th.

Chairman Duane Thompson convened the meeting at 10:15 a.m. in the AGC Board Room, Sheraton Portland Hotel.

Persons introduced themselves.

BUILDING PERMIT PROCESS Frank Hastie discussed meetings he had had with persons working in a number of Portland area building permit offices. He distributed a summary sheet indicating whether these offices held pre-planning conferences, handled plans on a “fast track” basis, and estimates of how much time was required and the estimated length of time it takes to obtain the permit approval. It was the consensus of the committee that a building permit procedure guide be developed. Jack Broome agreed to investigate the matter and assist in developing a questionnaire to be sent to building permit offices.

PROPOSED FORMATION OF AIA-AGC Mediation Panel Duane Thompson discussed the reasoning behind a proposal to form a mediation panel. He stated that it would provide a means short of arbitration or litigation whereby architects and contractors could voluntarily submit their disputes to a mediation panel for settlement.

There was extended discussion on this matter, with primary concerns expressed concerning the legal implications, such as matters coming before such a panel being later used as evidence in arbitration or litigation, thereby jeopardizing the interests of those concerned.

Joan Swinney asked whether the problem seems to be a matter of education, considering the manner in which disputes often arise. It was the feeling of the committee that the education committees of AIA and AGC should be contacted, and their assistance solicited. The meeting adjourned at 12:45.

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meeting to be held immediately preceding the Annual Regional Conference at the Conference. Meetings may be called upon the written request by either Director or a majority of the members of the Council.

A majority of the Council members constitutes a quorum at meetings.

The President Director shall chair Council meetings. In the absence or indisposition of the President Director, the Deputy President shall chair and in the absence or indisposition of the Deputy President, a Chapter President appointed by President Director shall chair.

The President shall appoint a Region Secretary to record the activities of the Council Conference and to carry out the correspondence duties for the Region.

Issues, motions, resolutions, and other business brought to a vote requires the approval of a majority of those members attending.

V FISCAL ADMINISTRATION

A The President Director shall appoint a Region Fund Trustee for a one-year term. The Trustee shall collect, receive, disburse and administer the funds of the Region subject to the direction of the Council. The Trustee may be a member of the Region Council. The Trustee shall maintain accurate records of accounts, recording therein sources and amounts of all financial transactions and resources, showing at all times amounts and destination of disbursements. The Trustee shall submit, at each scheduled meeting of the Council, and otherwise, an account of all transactions as Trustee and the financial condition of the Region. The Trustee shall perform other duties as may be prescribed from time to time, by the Council. The Trustee's term of office shall be for one year and will always expire concurrently with that of the President Director at which time the Trustee will deliver to his successor, all books, records, monies and other property. The books will require an audit which may be accomplished by a Council member or any chapter member, within the Region as appointed by the Deputy Director.

B The Region Fund Trustee, prior to May 15 of each year, shall assess each chapter within the Region, an amount specified by the preceding Council meeting and approved by the chapters based upon the paid membership list published by the Institute on or about April 30 of each year. This amount may change from time to time by unanimous vote of the Council members at any Council meeting. This assessment together with any other monies accruing to the Region constitutes the Region Fund. The assessed amount is to be paid by each chapter upon demand of the Trustee at least six months after demand by the Trustee, whenever is later.

C Monies collected are to be deposited in a separate Region Fund account under the care of the Region Trustee's "home" chapter treasurer.

D The Region Fund is to be used as directed by the Region Council as follows: not limited to this if voted otherwise:

1. Advance loaned to a chapter to produce a Regional Conference. This money must be requested by the host chapter.

2. Funding of the travel expenses of participating members of the Institute Education and Technical Documents Committees. The amount of money shall be determined by the Council.

3. Postage, printing, and miscellaneous items required by the Region Directors.

E Either Director and the Region Fund Trustee are the only persons authorized to sign checks against the Region Fund account. Any one signature will be sufficient endorsement.

F Except for housekeeping expenditures authorized by the President, or Deputy Director, expenditures of Region Trust funds must be approved by a majority vote of a quorum of the Council.

VI REGION COMMITTEES

A Region Conference Committee

1 A host chapter President prior to the preceding conference shall appoint a Conference Committee Chairperson who shall appoint and establish a Conference Committee.

2 The Conference Committee shall select a conference site date make all arrangements.

cont. p. 5
A message from ed
To our Super advertisers. Thanks a lot!
Hope to have you again next year
develop a tentative program and submit tentative plans to the Council for approval at least 180 days prior to the Conference.

B Region Awards Committee
1 The Presiding Director shall appoint a Region Awards Committee at least 180 days prior to the Region Conference for purposes of soliciting Region Awards nominations and determining award recipients. The Deputy Director shall be a member of the Chairperson of this Committee.

C Region Screening Committee
1 The Presiding Director, at least 90 days prior to the Region Conference, shall notify each Chapter President in the Region to appoint a Chapter representative to the Region Screening Committee, who shall select two candidates for Deputy Director. The most qualified candidates shall be selected based on their knowledge and experience in Chapter and Region activities.
2 The presiding Director shall serve as a non-voting Chairperson of the committee.
3 The committee, unless otherwise approved by the Council, shall meet in conjunction with the Region Conference.

D Other Committees
1 The Presiding Director may appoint other committees deemed necessary by either Director or the Council.

E Committee Correspondence
1 The Directors shall be informed of all Conference and Region Committee actions and shall receive a copy of all related correspondence.

VII REGION CONFERENCE
A Schedule of Meetings
Members of the Northwest Region Chapters, and their guests, shall meet annually at a time and place approved by the Council for purposes of conducting business of the Region, educating its members and promoting CSI.

B Conference Schedule
Each chapter, in its turn, shall host a Region Conference. The host Chapter is determined by the following schedule: Portland, Puget Sound, Willamette Valley, Cook Inlet, Spokane, New Chapters shall host the Conference five years after their charter.

This sequence shall repeat in ensuing years. New Chapters shall host the Conference five years after their charter year. This schedule may be revised at any Council meeting by a majority vote and shall include new Chapters as they are established.

C Conference Agenda
The Conference meetings shall include a Region Business Meeting, technical sessions, and social activities.

D Other Items
1 The Presiding Director shall request Chapter Presidents to submit requests for Region Business Meeting agenda items not less than 120 days prior to the Conference.
2 Each Chapter is encouraged to submit Region Business Meeting agenda items to the Presiding Director not less than 90 days prior to the Conference. If a chapter has no agenda items to recommend, it shall notify the Presiding Director not less than 90 days prior to the Conference.
3 The Presiding Director shall forward a copy of the Region Business Meeting agenda to each Chapter President and each Chapter Publications Committee Chairperson not less than 45 days prior to the Conference. The agenda shall be published in the next issue of each Chapter's newsletter. Copies of the agenda shall be available at the Conference for each delegate.
4 Each Chapter shall consider the Conference Business Meeting agenda at a meeting held prior to the Conference and instruct its delegates as appropriate.
5 After the agenda is established and sent to the Chapters, the Presiding Director should...
Conference Officers
1. The Presiding Director shall chair the Conference Business Meeting.
2. In the absence of the President, the Deputy Director shall chair, and in the absence of the Deputy Director, the Host Chapter President shall chair.
3. The Region Secretary shall record the minutes of the Region Business Meeting and forward copies of the minutes to each Chapter President and the Directors not later than 60 days after the Conference. An additional copy shall be made a part of the permanent record.
4. The Host Chapter President shall designate a Parliamentarian for the Region Business Meeting.

Conference Delegates
1. All Institute members registering at the Northwest Region Conference are to be considered as delegates.

Region Business Meeting Voting
1. For routine business, voting may be by simple voice vote based upon one vote per Delegate. However, any chapter may demand a roll call vote with each chapter allocated one vote for each 10 members, professional and industry, based on the immediately preceding membership roster received from the Institute.

Meeting Rules
1. Robert's Rules of Order Newly Revised are to be followed.

Conference Finances
1. The Conference Committee shall submit a Conference budget to the Directors for approval not later than 150 days prior to the Conference.
2. Region Fund Trustee and/or Regional Secretary. A copy of the Conference minutes shall be included with the statement.

VIII AMENDMENTS
A. This guide may be amended by a majority vote of a quorum of the Council or a majority vote of the Conference Delegates.

Appendix A (available from Chapter Presidents) is a Region Screening committee guide including criteria and by-laws requirements.

Appendix B (available from Chapter Presidents) is a job description for Region participating members to Education & Technical Committee.

Region Director's Newsletter
The Institute Board of Directors meeting held in Washington February 10th and 11th was the shortest and least interesting that I have attended. The February meeting has been the most exciting and productive meeting in the past two years.

Perhaps the "jockeying" for position by those who have been nominated, without opposition, as officers of the Institute was the major cause of the conditions prevailing. As most of you know, I believe that there should be at least two nominees for each office except that of President of the Institute. Surely there are enough good people in CSI to spread the work around. The appearance of a "ruling clique" would be eliminated also.

Off the soap box and into what did happen:

1. Approved increase of per diem to not exceed $60.00 per day to $15.00 and private automobile travel to five cents ($0.15) per mile as official business allowances beginning FY 80.
2. Approved a substitute motion enabling the President to appoint an Ad Hoc Committee to further study the overall effectiveness of CSI student chapters and other organizational alternatives.

con't. p. 7
IX REGION CALENDAR

<table>
<thead>
<tr>
<th>Action</th>
<th>Time</th>
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<tbody>
<tr>
<td>Region Fund Trustee sends Host Chapter report to each chapter</td>
<td>11 and when requested</td>
</tr>
<tr>
<td>Host Chapter appoints Conference Chairperson</td>
<td>Prior to preceding conference</td>
</tr>
<tr>
<td>Committee selects Conference site date tentative program and submits</td>
<td>180 days prior to Conference</td>
</tr>
<tr>
<td>to the Council</td>
<td>Upon Selection</td>
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<tr>
<td>Submit date to Institute for approval</td>
<td>180 days prior to Conference</td>
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<tr>
<td>President Director appoints Region Awards Committee</td>
<td>150 days prior to Conference</td>
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<tr>
<td>Committee submits Conference Budget to the Directors for approval</td>
<td>120 days prior to Conference</td>
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<tr>
<td>President Director canvasses each chapter for agenda items</td>
<td>By May 15</td>
</tr>
<tr>
<td>Region Trustee notifies chapters to remit assessments</td>
<td>By June 30</td>
</tr>
<tr>
<td>Chapters must pay assessment</td>
<td>90 days prior to Conference</td>
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<tr>
<td>Chapters submit agenda items to the President Director</td>
<td>90 days prior to Conference</td>
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<tr>
<td>President Director apponts Region Screening Committee</td>
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<td>(See Appendix 'A')</td>
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<tr>
<td>Screening Committee members notified of appointment and charged</td>
<td>60 days prior to Conference</td>
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<tr>
<td>President Director sends Business Meeting agenda to each chapter</td>
<td>45 days prior to Conference</td>
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<td>Conference Committee sends announcements, registration forms, etc.</td>
<td>45 days prior to Conference</td>
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<td>to each member</td>
<td>75 days prior to Conference</td>
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<tr>
<td>President Director advises Conference Committee of allied meetings</td>
<td>60 days after Conference</td>
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<td>Conference Committee issues minutes, and financial statement to</td>
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<td>Region, Conference Trustee</td>
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<tr>
<td>Conference Committee must return Region and non-realized funds to</td>
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<tr>
<td>Region Fund Trustee</td>
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The Department of Defense Approves Use of CSI MASTERFORMAT

The Construction Specifications Institute has received an Acceptance Notice from the Department of Defense stating that the CSI MASTERFORMAT has been approved for use by DOD.

MASTERFORMAT was first presented by CSI at its 1978 convention in San Antonio. A joint publication of The Construction Specifications Institute and Construction Specifications Canada, MASTERFORMAT provides the standard 16 Division list of Broadscope and Narrowscope section titles with 5-digit numbering system. Compared to earlier editions of the CSI Format, MASTERFORMAT contains numerous revisions, reorganized coverage of items in various Divisions, and many new Broadscope and Narrowscope Section Titles. Included is the newly developed Division O which contains Bidding Requirements. Contract Forms, and Conditions of the Contract.

With MASTERFORMAT the construction industry has the ability to relate all files, costs, product literature, references, and project manual documentation to a single unified system. MASTERFORMAT can be used to advantage with either single or separate contracts since the division grouping does not preclude the preparation of separate contracts. In fact, MASTERFORMAT can actually facilitate such preparation when good specification principles are observed.


The Region Conference at Rosario, Orca Island promises to be a great one. In addition to having a good time, we hope to get some work done. In addition to a Coordinating Council meeting we plan on having meetings of this year's and next year's Membership. Education, Technical Documents and Publications Committee chairpersons. We urge these people to attend.

There will also be a Screening Committee meeting to select the Region's nominees for Director-Industry Chapter Presidents are requested to submit to me the name of their representative to this committee as quickly as possible.

Chapter Presidents are also requested to submit to me items they wish to have included on the agenda of the Business Meeting as quickly as possible.

Best regards to you all,
Jesse Wilkins, Director
to the editor

Dear Dick,

I've finally caught up with my jet lag. I want to discuss the return trip expected to come out of the original lag - sort of a real trip back in like a kite string? Of course I think I understood the situation with the red-eye special, even though half of the night was spent in the airport.

From my point of view the seminar was most productive. I learned something new every time, and the probing questions brought out a lot of nuances of the subject. I trust that the others feel the same. You and the Portland Chapter did a great job in promoting the session, organizing the logistics, and keeping it on track, in the best show business tradition. Please pass on to Bob and the chapter membership my appreciation for a job well done.

Sincerely,
Ben (F. GREENWOOD, AIA, F. CSI)

MEMBERSHIP ADDITIONS

R. Ryan Paton
Ots Elevator Company
0110 S W. Porter
Portland, Oregon 97201

Jeff Shearer
Fred Shearer & Sons, Inc.
215 Oregon Pioneer Building
Portland, Oregon 97204

AROUND THE REGION

Regular chapter meetings
COOK INLET 3rd Wed. (Call Harley Hightower 276-2242)
PUGET SOUND 2nd Wed. (Latitude 47)
SPOKANE 2nd Thur (Firehouse Inn)
WILLAMETTE VALLEY 3rd Thur. (Bev's Steak House)

from the editor and retiring Board Member

Thanks to the outgoing board member
Robert Klas — our president and dedicated CSI'er — Bill Samuel, who replaced Hunt Jones (replaced also to Hunt, who helped this Chapter a great deal during his tenure)

Welcome Ivan and Mary Alice who will pick up the professional reins and Les Seely whose new job will be almost like his present one — with a vote!

Dennis Obert will be your editor next year! Remember, he needs material to print — interesting news items about you and other members. Items pertinent to projected program topics, etc... etc.

CINCINNATI — PORTLAND TRAVEL EXCURSION AIR FARES FROM $238.00 to $396.00 depending on dates of travel, length of stay & when you "book". Limited seats on all fares. Call NOW! 224-8300 to Heath Burns @ Imperial Travel.

construction specifications institute, portland chapter

the predicador

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Perky Kilbourn
ROSTER Sampier Seely.

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BULK RATE
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85 SW Williams Drive
Beaverton, OR 97005
PRESIDENT’S COLUMN Bob Klas

As this year’s activities draw to a close it is time for some personal reflection. The President’s job has made this a year in which the satisfactions have surely compensated for the efforts. (Take note future Presidents.) As a matter of fact the hardest part of the job has been writing this article. The blank sheet of paper is truly terrifying. Perhaps this is because of my cut and paste background.

The job certainly would not have been as enjoyable without the excellent people who have worked so responsibly for The Portland Chapter. I should be smart and mention no names because some who have worked very hard may be left out. But I must call attention to a few who have given generously of their time and talent Kevin Selkirk, Larry Arnold and a number of advisors have shared their experience. Rod Moorman and all the Program Coordinators have given us interesting programs with no problems. Dick Ehmann and Larry Brown organized the Division 1 Seminar and his committee carried the load for the Products Fair. Both of these very successful special activities established ‘high water marks’ to challenge the future. Lee Kilbourn generated a number of continuing activities as Technical Chairman Margie Large produced the ‘Predicator’ on time with a minimum of worry for the rest of us. Les Seeley, in addition to other tasks has organized a very effective membership program. Pat Murphy and a group of callers have faithfully spread the word about the Chapter Programs. Milt Kingsland has been very dedicated in keeping the badges current and attending to arrangements for the Chapter Programs. Jane Sampier besides being Secretary published the Chapter Directory. Don Ashton continues an out-

CHAPTER MEETINGS
SCHEDULE ’78-’79
JUNE 5 program Annual meeting & fun night — THEATER / SUPPER
DEC 7 — 20th ANNIVERSARY PARTY — ROAST & BANQUET — AIRPORT SHERATON

UP COMING EVENTS
Chapter Board Meetings Thursday noon following chapter meeting — at CSI office Open (223-8231)
Tech. Documents —
Long range planning — at Dick Ehman’s etc.
Program — 4th Thurs CSI Office — noon

23rd
Convention and Exhibit
Cincinnati, Ohio June 17-20, 1979
TRAVEL INFORMATION P B

Moorman’s Meanderings
Here we are in the merry month of May and your local CSI Chapter is about to embark on a new year. We have new Board members, Officers and new program Chairmen. I’m looking forward to a new and exciting year. I hope you are too.

During the May meeting the gavel will be passed to the new officers and the new Board will be installed. The names of the Officers, the Board Members, and Committee Chairmen appear elsewhere in this paper. Look for this list and call

MAY PROGRAM
Unlocking the mysteries of finish hardware

tuesday, May 8, 1979

Reservations
Members guests and spouses are invited. Phone Jan 223-8231 by 4pm May 7 or come at 7:30 for the program only
The Mallory Hotel
5:30 Social Hour
6:30 Dinner — $7.25 inc.
7:30 Program/Business

PANEL
ALLOWANCES — DOS AND DON TS
KEN PAYSENO, AHC Mgr.
OREGON BUILDERS HARDWARE SALEM
SECURITY SYSTEMS — ELECTRONICS SYSTEMS AND NEW ITEMS
HAL ELDER, CSI AHC FACTORY REPRESENTATIVE
KEYING SYSTEMS SYMBOLS NEW PRODUCTS
HUGUES EPPS, AHC VICE PRES SALES EPI FINISHES DURABILITY
COSTS & AVAILABILITY — SPECIAL ITEMS
JAMES TICE, MANAGER TICE INDUSTRIES

HANDOUTS — KEYING & FINISH SYMBOLS
PORTLAND CHAPTER CSI thanks the Oregon Chapter. DOORS AND HARDWARE INSTITUTE for sharing their meeting and members with us tonight
BIRTH OF AN IDEA  DOOR & HARDWARE MAGAZINE via DC Supplement Dec 1978 via Delaware Ch Newsletter

On Dec 30, 1903, the Iroquois Theater caught fire and 596 people lost their lives—mainly because they couldn’t get out of the building. The doors wouldn’t work.

The Iroquois first gave Mr. Carl Prinzl the idea of going to work on a self-releasing panic-exit device. Sure it was a piece of hardware. After a lot of sweating, he got it into shape to apply for a patent. To get the patent, he learned first of all that if you want to impress the people at Washington you have to have carefully made drawings of the idea.

That’s when he thought of Henry DuPont, an architect living above him in the Alexandria Apartments on N. New Jersey St. Mr. Du Pont did his part, and then it came time to give the baby a name. Mr. Prinzl attended to that too. He called it the Von Duprin—a cute way of bringing in everybody connected with the affair—the Vonnegut people. Mr. Du Pont and himself—see?

Cont. from p. 1

standing job as Treasurer. Joan and Janet at the Dekum Building are always there to assist when asked.

We all tried to be concerned about the needs of the members. Because of the support of the members, all of our activities have been successful. I believe we have interested more people in Chapter activities, and we have evolved some improved ways of doing things. Let us continue these accomplishments into next year, our 20th anniversary.

I sincerely feel privileged to have had this opportunity to serve The Portland Chapter. I wish the succeeding administration the good fortune of having co-workers and membership support as effective as we have had.

Bob

OUR NEW SECRETARY

Mary Alice Hutchins

Rod — Cont. from p. 1

us if you have ideas or wish to help on a committee.

Our membership consists of about 200 people interested in specifications. Next year there will be more of us if we continue to provide a quality organization. Each year we have built on the previous year and improved as we progressed. I am anticipating that next year we will continue to progress.

For your Chapter to continue its roll it takes a large commitment of volunteer time and effort. If we all contribute to this effort the work required of each of us will be small, but the overall results will be tremendous. The Chapter will gain from the total effort. You will gain in relationship to the total effort and your individual efforts.

I think it is not unfair to ask everyone to make some sort of commitment to contribute some time during the year. No one will be expected to do more than he will receive in return in satisfaction, self-enrichment and job improvement.

During the year each of you will be asked to help. Please accept these opportunities. If the offer doesn’t suit you because of other commitments, please ask for one which you would like and can do.

All of us must get more from the organization than we contribute or else there is no reason for us to belong to CSI. Every hour of participation is multiplied by thousands of hours others are contributing. Only by participation we reap a portion of the benefits. If we do nothing more than pay our membership fee and only come to the meetings, we will still get more from the program than we contribute. However this is unfair and we will be the loser, because we will gain even more by participating to a greater extent.

I am looking forward to a great year and am hoping all of you are doing the same. Thanks to those of you who have already committed yourselves to help. I hope others of you will do also.

Rod

WHAT ABOUT STREET LIGHTS

Wennatchee, Washington, turned off 50 percent of their street lights and Longview, Washington, has turned off 288 of their outdoor units (1977).

As to which lights go out, McMinnville, Oregon, solved the problem by enlisting the aid of the police department to determine what was consistent with safety.

BPA

Roofing: Make It Last!

It has been said that roofs are so necessary to man’s existence that much of his struggle here on earth is devoted simply to keeping a roof over his head. It took thousands of years for the evolution of the windbreak or lean-to form of shelter to emerge and traditional sloped roofs are to the present day, merely an extension of this type of construction.

For the past hundred years man has been trying to build roofs with little or no slope for the last fifty has been insulating roofs to control heat loss. Traditional sloped roofs usually give good service because the details of design and application are well known from experience. Modern flat roofs, on the other hand, often give extremely poor service. If their performance is to be improved and their service life extended, it is necessary that all concerned with design and construction understand the elements of a roof system and the requirements of each element. Only in this way can materials be put together in the optimum manner.

A modern roof system has to perform a variety of functions in separating indoor and outdoor environments. Particularly important are the ability to protect a building against entry of moisture and the provision of effective thermal insulation. The system will normally include:

- A structural roof deck
- An air-vapour control element
- Insulation (heat control element)
- Waterproofing or water-shedding roofing (rain control)

It does not much matter how these are combined with respect to heat loss, but their relative locations have a considerable effect on the performance of the individual elements.

Most commercial and industrial buildings with flat or nearly flat roofs have an air vapour barrier laid on top of the structural deck and insulation applied over it, usually adhering to it. This is a very convenient way to build a roof because the structural deck provides support for the air vapour barrier and insulation during construction and in service. The air vapour barrier is placed inward of the insulation to prevent building moisture from penetrating to the cold parts of the system by diffusion or air leakage. Rain control is provided as the most outward element of the system and consists of a waterproof membrane to withstand all aspects of the weather.
A Sweetener It Wasn’t

Last spring, the Food and Drug Administration finally got around to rejecting a petition from a Massachusetts company seeking permission to market a new low-calorie sweetener. The company has been out of business since 1975.

MASONRY / NOVEMBER / DECEMBER 1978

(An editorial comment)

SCIENCE ON ITS WAY TO WORK

Activities of the National Bureau of Standards. (Oct 78 Specifier)

The Federal Communication Commission may not be as slow as the Food & Drug Administration (see item above) but the first paragraph in this excellent article talks about a nifty invention for the benefit of the deaf that has been 5 years in FCC for approval to use “closed captions” on home TV sets [encoder/decoder]. This is a typical example of “putting tax supported science and technology to work for the people.”

This Technology Transfer is making possible sophisticated technology that will be commonplace in a few years (5 is a few?)

For example — Dept of Energy is in possession of technology that could reduce petroleum imports by 25.5 million barrels a year — by re-refining used oils (Specifier)

NBS programs support the U.S foreign policy in the many areas in which science and technology influence international affairs — by the exchange of and coordination of mutually beneficial technological data between countries.

Energy conservation alternatives, aids to inventors, new measurement devices, standardization reference material and air quality are other topics covered in detail in the article.

The Construction Specifier. Oct 78

WARNING — TAKE CARE

By Dan C. Ehler CCS

The Public Health Service Center for Disease Control of the National Institute of Occupational Safety and Health (an agency of the United States Government) recently stated that wood, wood dust, and substances made of wood may be toxic, irritant, allergic, or carcinogenic (cancer causing)

Toxic woods such as East Indian Satinwood, South American Boxwood and lpe may cause headaches, anorexia, nausea, bradycardia, dizziness and/or somnolence.

Irritant woods such as Mansonia Daphna and Cocobolo cause injury to the mucous membrane upon contact and may effect intact skin causing dermatitis.

Allergenic woods such as certain species of the birch dogwood, mulberry and myrtle families may cause allergic manifestations including asthma and contact dermatitis in sensitized individuals.

The inhalation of fine hardwood dust is believed to cause nasal cancer.

Furniture workers frequently exhibit the symptoms of dermatitis and conjunctivitis. Carpenters are known to have asthma and sawmill workers are frequently troubled with conjunctivitis.

(Ed note Arrows and spears manufactured from wood are sometimes lethal if forcefully driven through specific portions of the human body.)

This announcement on Wood and its effects follows the U.S. Congressional announced concern that asbestos fireproofing in school construction may cause an entire generation to be riddled with cancer.

One of the first offensive construction products brought to the publics attention was the use of lead in paints. Besides retaining rust on steel the lead paints poisoned the inhabitants of buildings so painted.

It is of continuing wonder or rather the miraculous intervention of the Diety that mankind has survived. In spite of these dire threats discovered by our benificent U.S. Bureaucracy.

They would also remind us that the air we breathe is so polluted that we are all subject to lung cancer. Further, it is a well known fact that inhaling an excess amount of even pure water can cause death (by drowning).

The U.S. Government will save the public by either these ample warnings or by withdrawing the offending products from public use. Money must be carcinogenic because the IRS continues to attempt to withdraw it from public use or at least mine.

“Portions excerpted from the Building Construction NEWS published by the Cleveland Builders Exchange, Inc. — the whole from the Columbus “comment”}
A message from Curt Saltmarsh
To our Super advertisers. Thanks a lot! Hope to have you again next year.

Bill Aspy, CSI

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MEMBER AWARENESS

A joint committee with the Plumbing, Heating and Cooling Contractors is being formed to investigate the difficulties mechanical contractors and suppliers encounter in many specifications. The committee will present its recommendations to the membership for further action.

Larry Carson has been appointed a CSI representative to the committee. Additional CSI Volunteers are needed. Interested specification writers, suppliers, and contractors are asked to contact Mr. Carson or Bob Klas with their suggestions.

John Robertson, of GRATING SPECIALTIES, Salem, Or., announces a new telephone number for outside Oregon — 1-800-547-2151.

GARDON TODD has been reappointed the PORTLAND CHAPTERS representative to the AMERICAN ARBITRATION ASSOCIATION.

MEMBERSHIP ADDITIONS

Clip & Paste in CSI Directory

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Ronald V Hill          E J Bartells Co         484-0486
P O Box 2681
Eugene, Oregon 97402
Cristal Johnson        Polymer Building Systems        234-0281
19992 N W Quail Hollow Drive
Portland, Oregon 97229
Joe P Weber             SRG Partnership, PC       520 S W Yamhill, Suite 231
Fred C Gast
Portland, OR 97212

OUR TWO HUNDREDTH MEMBER, (took 20 years) was signed by TOM SHEA, CSI CHRIS KLEINGARTNER of Fortiﬁer Corp., Clackamas, Oregon. Welcome Chris.

KS (of BS fame) and unsuccessful candidate for NW region director (we are to celebrate this at ROSARIO) was a year older April 9.

The High Country News (Wyo), Apr. 21. 1978 has a view on insulation that differs independent energy consultant Jay McGrew says. The insulation business is a little bit like the insurance business. The salesmen always want to sell you more than you need. McGrew has a bachelor’s degree in civil engineering, a master’s degree in mechanical engineering, and a doctorate in chemical engineering.

McGrew sees cost effectiveness as a convenient way to measure energy savings. The cost of an energy conservation device reﬂects the amount of energy it took to manufacture it. Says Therefore, he says, “Does it save money?” and “Does it save energy?” are essentially the same question.

This view and others expressed in the publication are saying that design and use of materials are far more important than insulation per se. Article submitted by Masonry Institute — Tom Young.

President Klas welcomed the new Board members to the meeting. The successful nominees for 1979-1980 are Rod Moorman, President; Don Ashton, Treasurer; Mary Alice Hutchins, Secretary; Warren Koepke, Vice President; and the office of President-Elect was tabled.

Don Eggleston reported on plans for the Products Fair. At present there are 62 confirmed booths. After discussion, it was agreed to have a CSI booth at the Fair which will be managed by Chapter members distributing information on CSI.

Rod Moorman reported that our April Chapter meeting will be held Thursday, April 12th following the Products Fair at the Coliseum. Price will be $8.00.

Dennis Obert reported Lee Kilbourn has agreed to put together an Educational Program showing people what CSI has been doing. Also, a Seminar on Ceiling Systems by Armstrong Ceilings is in the talking stage.

President Klas announced Gordon Todd was appointed as the Portland Chapter representative to the Screening Committee.

A financial report of Division I Seminar was given to everyone present showing a profit of $1,621.50.

Meeting adjourned at 1:30.

February 15, 1979—12:00 Noon—people in attendance: Arnold Ashton, Eggleston, Kilbourn, Klas, Koepke, Largent, McCormick, Moorman, Murphy, Obert, and Sampier.


Membership—Les Seeley reported 189 members as of January 31st.

Correspondence from American Institute of Architects reviewing charges passed on to CSI for the use of the telephone line in the AIA office. After discussion motion was made seconded and passed to accept telephone charge of $250.00 per month to be effective February 1, 1979.

Mr. Dave Pearson, Times Litho (printer of the Predator) was introduced by Margie Largent. Mr. Pearson explained the procedures of printing our newsletter and the costs.

Rod Moorman announced the programs for March, April & May and after discussion on whether to have a technical meeting in June of a fun night. It was agreed to have a fun night Les Seeley volunteered to be the coordinator.

Products Fair—Don Eggleston reported 27 booths have been committed for our April 12 Products Fair however we will need 50 to 60 to break even.

In Don Ashton’s absence, Bob Klas gave everyone present a copy of the current monthly newsletter report. Also, the Portland Chapter of CSI has its own bulk postal permit number at the main post office.

Meeting adjourned at 1:20 P.M.

OUR APRIL MEETING after our 5th annual PRODUCTS FAIR (at the Coliseum) was attended by 80 members and guests. The FAIR was very good. A new idea this year was the mini-seminar. With some advance advertising, those could be packed. Let the committee hear you on topic ideas — if you agree.

This is the last month for this editor. I want to thank each of you for your contributions to all the time. Keep them coming. Your new editor will appreciate typewritten copy ready to send to the printer — otherwise, it may not get in.

MUTUAL MATERIALS

Dexter Walter, CSI

Office 656-7166

BUILDING CODES DIVISION
Updated SMB listing
Available from ANSI

A listing of ANSI's 16 Standards Management Boards and their scopes has been updated and is available from the Institute's headquarters.

During the next several months, members of the Executive Standards Council to which the SMBs report will be meeting with the various boards to evaluate their effectiveness.

The Standards Management Boards are responsible for managing and coordinating standards development in specific technical fields. They cover the following areas: acoustical construction, electrical, electronics, fuels, gas, graphic, heating, air-conditioning, and refrigeration. Information systems, measurement, and automatic control, mechanical medical devices, nuclear, photometric, physical distribution, piping, and process equipment. Safety and health and welding.

Persons who wish to receive copies of the SMB listing should contact Dianne Kelley at ANSI headquarters.

Safety in Confined Areas
Is Standard's Aim

The safety and health of employees who work in, about, and in connection with confined spaces is the focus of a new American National Standard.

Minimum requirements for safe entry continued work in, and exit from tanks and other confined spaces are established. The standard contains sections on precautions before entry and after procedures, environmental hazards, hot work, removal, and application of preservative coatings, and lineings, and personal protective equipment. A two-column format is used to provide both specific requirements and supporting information. The explanatory column is not part of the standard, but contains information that clarifies the document.

Two appendixes provide reference material on instrumentation for evaluation of atmospheric contaminants and additional pertinent standards and other reference material.

American National Standard Safety Requirements for Working in Tanks and Other Confined Spaces. ANSI Z117.1-1977, is intended to serve as a guide for regulatory agencies. Copies are available from ANSI's Sales Department at $5.00 each.

For April 1979 or Addendum No. 1, regarding roofing and roof protection conferences. This April column generated quite a bit of discussion by various people. Listed are several of these goodies for your information.

1. Pre-roofing Conference should include a representative of the sheet metal subcontractor in connection with roofing system.

2. Several roofers feel the most important message to architects and specifiers is to have roofing manufacturer's representatives go over proposed specification to make sure everything specified is okay.

3. More emphasis should be placed on keeping roofing materials dry before being installed. This requires not only specifying materials must be handled and stored properly, but a close eye must be kept on job site storage because too often this is where the roofing materials get wet because it was only covered with minimal protection and wind blew much or all of the protection off leaving exposure to the elements.

Our chapter held its annual election for Board of Directors (three, one for industry member and two professional) at the March meeting. Now the thing that amazes and bothers me is that a total of 72 ballots were cast. Our membership is over 180 so 72 is about 40% votes cast, which doesn’t look too good in my opinion. (Last year over 90 votes cast.) Will someone out there come up with a plausible explanation why our voting has such a low percentage?

I have tried to figure out the reasons: wondering if it could be that many members don’t vote because they just don’t care or they feel that any of the nominees are acceptable. This year our choice was difficult because we did have many good people running for directorship. One member I talked to stated he never voted for institute offices because usually the nominating committee nominated just one person for each vacancy leaving no choices available other than a written which wouldn’t do much good, so why bother to vote.

At the February institute board meeting this subject was brought up suggesting that two or more nominees be listed on all institute voting. Maybe there will be some action at the institute level.

It isn’t the case in our chapter. We have always had choices and even in the institute voting this year for our northwest regional director, we had a choice. Paul Edling or Ken Sears? Of course some wit might say, what choice?

It seems to me that for an organization that over the years has been a leader in many areas, a low voting record is an incongruity of the first water. (Water is an Oregon term.) My feelings are, that an effort should be made to find out why our voting record is so low and steps taken to improve this situation as soon as possible. I want to point out that for several years our monthly meeting attendance has usually been the lowest in our region. This may be a contributing factor to our low voting record. However, here of late attendance has been on upsurge. I feel our chapter has made it very easy to cast your votes. One may either deliver ballot at the March meeting or mail it in advance to our chapter office. Would it help if a self-addressed envelope accompanied the ballot?

If anyone has any ideas to improve the voting record of our chapter please contact our chapter president or one of the board members.

Ken
CINCINNATI — PORTLAND TRAVEL EXCURSION AIR FARES FROM $238.00 to $396.00 depending on dates of travel, length of stay & when you “book”. Limited seats on all rates. Call NOW! 224-8300 to Heather Burns @ Imperial Travel.

Fundamentals of Solar Heating, a correspondence course HCP/M4038-01 Prepared for DOE by the Sheet Metal and Air Conditioning Contractors National Association Purpose is to provide the on the job, air-conditioning industry employee with the opportunity to learn about solar technology through supervised correspondence instruction. Available from National Technical Information Service Springfield Va 22161 at $3.00 microfiche

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from the editor

NATIONAL JOINT GUIDELINES

NEW — In ELECTRICAL DESIGN LIBRARY publications prepared for architects, engineers and the design professionals in the building construction industry — is National Joint Guidelines for Improved Construction Results

Contents:
1. Procedures for Change Orders
2. Construction Coordination Conference
3. Punch list Procedures
4. Temporary Job Utilities and Services

The above are Joint Policy Statements from the Associated General Contractors, The American Sub Contractors Association and Members of the Associated Specialty Contractors — published and distributed by The National Electrical Association’s Local Chapters — our own CSI member being Robert P. Burns.

This is a mighty tool (Division I) — thanks. But your ed wants to know why the NECA standard symbols, another NECA library offering and The Good Book (ARCHITECTURAL GRAPHIC STANDARDS) symbols don’t agree. Probably a later edition does agree. (I’m still paying for the 6th)

construction specifications institute, portland chapter
This is the last issue of The Predicator until September. September will start our 1979-80 program year. If the year is to be a success we must have some objectives and plans. We must also have some ways to measure our progress. Here are some of my thoughts and suggestions on these subjects. I say these are my thoughts and suggestions because this is your chapter and it is for you and your Board to decide. Also I think we must stay flexible to change when change is advisable.

With this in mind, it is as if we start to drain a swamp while we are standing waist deep among the alligators.

Our “swamp to drain” is stated in Article III of the Bylaws.

a. To improve the form and content of specifications as applied to construction.

b. To collect and disseminate to its members concise information about matters pertaining to construction specifications.

c. To promote understanding and awareness of problems of all groups contributing to and using construction specifications and to improve methods of communication among these groups.

Our alligators are the problems associated with the operations of the programs. So let’s get on with bopping alligators and getting the swamp drained.

The months of July and August will be spent completing the plans for next year. Education will be given extra emphasis. If you have any suggestions or wish to work on the committee call Dick Gunia. There are plans to bring programs which will have greater and wider interest. The Products Fair Committee is already working and have some new ideas for next year. You will see some changes in the Chapter affairs. Hospitality, public relations functions, and improvement of the Predicator are being investigated.

Cont. on p. 2
If you wonder why membership was not mentioned in the preceding paragraph, it is because membership is an indicator of a successful program and should not be a goal in itself. While we will be recruiting new members and encouraging renewal of existing membership, the Membership Committee cannot keep up with replacements of lost members if the programs are not holding the members. I hope we will see a substantial increase in membership.

A measure of our success will be the amount of participation in the various programs. However, this will only be an indicator that we are probably accomplishing parts of the Purpose and Policy of the Bylaws. We will set goals for each of the programs, but I hope they will indicate how much of the swamp was drained and not how many alligators we killed (All of this without an environmental impact statement)

The actual goals have not been set but some of the areas of consideration are:

1. Programs which will increase the attendance and percentage of attendance at meetings
2. Seminars which will have interests to a broader base of the membership
3. Increased participation in the Products Fair both in number of booths and in attendance

My personal goal is to serve the Portland Chapter in such a way that each member will become more involved because he will see in the Chapter an organization to which it is exciting to belong, will increase his knowledge in specification writing and communications, will improve in his specifications or his ability to assist others in this endeavor and that the membership has received information about matters pertaining to construction specifications.

Come join us in the plans and preparation of the various programs of your choice. We will be calling you, but it will help if you call first. Each program chairman is listed in this paper. Call them with your suggestions or if you wish to serve on the committee.

Have a good summer. I hope to see many of you in Cincinnati. I'm looking forward to completing our plans this summer and to the start of our exciting year next September.

Cont. from p. 1

The Institute Division 1 Seminar hosted by the Portland Chapter was a success with 32 attending from throughout the West Coast. Thirteen Portland Chapter members participated in the 2 day session.

Eleven members of the Portland Chapter have succeeded in becoming Certified Construction Specifiers.

Ten Chapter members attended the Annual Convention at San Antonio. Twelve Chapter members are scheduled to attend the Region Conference at Rosarita.

A Long Range Planning Committee has been formed to guide Chapter development and maintain continuity between administrations.

The Membership Committee has been active this year increasing membership from 180 in June 1978 to 204 at the present time. (90 professional 109 industry, 4 juniors and 1 emeritus)

Larry Brown was advanced to Fellowship in the Institute in the 1978 Annual Convention. Lee Klilbourn was awarded the Northwest Region Citation and the Northwest Director's Citation. He received an Honor Award and 3 Honorable Mention Awards at the Institute Specification Competition. Dong A. Johnston and Joe Healy received Chapter Awards for the 1978 Products Fair. Margie Largent and Don Ashton received Chapter Certificates of Appreciation. Larry Arnold received the Chapter and the Institute Past President Award.

The Predicator with a circulation of over 500 has been published on time each month this year. We have expanded its format and maintained a consistently interesting content.

The Chapter also published a current Directory with a 'yellow page' section for Chapter members.

While the Portland Chapter seemed to make progress in all areas of endeavor we believe the potential promises more. We attempted to refine our operation in all Chapter activities and with improved procedures we had a trouble-free year. This is because a large number of responsible members worked very hard. However, of even more significance, many additional members have become increasingly involved in Chapter activities.

The May dinner meeting was held at the Mallory Hotel and featured a panel discussion on "Mysteries of Finish Hardware." There was a brief business meeting prior to the program. Announcements were made reminding everyone of the upcoming National CSI Convention in Cincinnati June 17-20, and of our next program which will be a Theatre Supper party to be held June 5 at the Portland Motor Hotel. Reservations for this "fun" night are to be given either to Jane Sampier at the Builders Exchange or at the AIA/CSI office prior to May 31.

Gordon Van Antwerp announced that the new Painting Specification Manual based on the CSI format is now available.

Bob Klaus then retired as President and passed the gavel to Warren Koepke who accepted in the absence of Rod Moorman, our new Chapter President.

After introducing the new Board, the meeting turned over to Ken Searl (himself) who coordinated the program.

The first speaker was Ken Payseno, AHC. Manager Oregon Builders Hardware spoke on Allowances — Dos and Don'ts. He brought out the importance of floor plans, door schedules and sizes and details. He advocated the use of allowances as an aid to the architect in controlling the outcome of the job.

Hal Eldred, AHC Factory Representative spoke on "Security and Electronic Systems." He showed several samples of security hardware including electronic hinges, remote control locks and sound alarms. He indicated that electronic systems must be planned with great care and well in advance, since these systems are extremely difficult to alter once they have been installed.

The third speaker was James Tice, Manager Tice Industries who spoke on "Finishes, durability costs and availability." He discussed the properties and finishes available for brass, bronze, aluminum and stainless steel.

In the absence of Tom Maxwell, Ken Searl spoke briefly on "Kaying Systems and Symbols." He emphasized the importance of including a keying schedule for the hardware supplier.

Cont. p. 7
MEMBERSHIP ADDITIONS

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James F. King

President
Member Awareness

Marie Largent has been appointed to the Lake Oswego Building Board of Appeals.

Don Walton has been re-appointed to the National Arbitration Board (NCIAC) representing the

Institute Awards

Lee Kilbourn and James Potter will be receiving Specification Competition awards in Cincinnati. Lee's 3 awards are
1. Honor award Category C - Commercial
2. Honor award Category G - Industrial
3. Honorable Mention on Category H - Warehouse

James T. Potter - 2 awards -
1. Honorable Mention - Category H - Warehouse
2. Honorable Mention - Category C - Commercial

Cont. from p. 2

Comments from the floor included a discussion of entrance and exit requirements for the handicapped and the need for special locking requirements for exit doors.

The meeting was adjourned shortly after 9 p.m. There were approximately 60 people in attendance.

Warren Koepke

Member Awareness

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Warren Koepke

BS BY KS

Recently I was looking at our Portland chapter membership list and I discovered that one firm, J.A. Wiley Company of Portland, has three members belonging to our chapter. I congratulate Dave Wiley, George Griffith and King Quan for all being members from the same firm.

As far as can be ascertained, these three gentlemen are in a class by themselves.

As you know with the June chapter meeting another year has gone by. Our next meeting will be in September. It is my opinion our chapter has had a very good year. Meeting programs have been excellent, our chapter hosted a division one seminar; and our productus fair was the largest held so far. Many thanks to all you people who participated in this past year's activities. One other item of note is that our Predator editor Marie Largent got our publication out on time and did an excellent job as an editor.

In writing this column I sometimes wondered does anyone out there read what I write. Well let me tell you about the time I get that feeling I usually receive a telephone call or a letter from someone either agreeing with me or a strong disagreement and in some cases both. Also I receive calls with information to amplify or add to a topic of discussion. An example of that is my PS to BS BY KS for May which was a discussion of plumbing conferences. It seems. riding is a hot potato and lots of thought regarding this subject is brewing at all times and sometimes even boils over. In fact in the near future our chapter intends to host a plumbing seminar which from all indications should be well attended. More information forthcoming. I really don't know why we have so much discussion and strife over plumbing. Usually the roof only leaks when it rains except my firm had a building in Corvallis that only leaked when it was dry weather and the building was being air conditioned. (No air conditioning equipment on roof however.)

For those of you who believe in long range planning, the next regional conference (April 1980) will be held over on the coast at the Embarcadero on the waterfront in Newport hosted by Williamette Valley Chapter and in 1981 Anchorage, Alaska will be the place, probably not in April but in July or August. Also the 1980 National Convention will be held at Anaheim, California. Now that sounds like a Mickey Mouse type of convention I have been in communication with the oil companies, the Arabs, Jimmy Carter and George Burns and they have promised me that there will be fuel available to attend these meetings.

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Region Conference —

The Time of Your Life

From the time we left Anacortes on the Viking Star on Thursday until we arrived back from Orca Island on Sunday, the CSI NW Region Conference was indeed the time of your life.

For those who felt they didn’t have time or couldn’t take time to attend it should be noted that all who attended had a good time.

Frank J Cooper of Northeast Seminar’s Inc told us how to manage our time as keynote speaker. Mr Cooper got our attention by asking us why we wanted to manage our time better. He then explained how a mind solves problems of memory. The desired information being stored in our past experiences and our sub-conscious works on a solution until it is solved and the answer pops into our consciousness.

In order to use this problem solving technique to the fullest one must think about only one thing at a time.

To do this Mr Cooper said we should make lists of things to do and prioritize these items and organize them into either a ‘do’, ‘call’ or ‘get category’ order. Once this has been done we should be able to accomplish more with less effort.

It will not be automatic though because one additional commodity is needed which is the actual desire to have more time. A desire to have more time available is connected with our purpose of life as well as our biological needs. Without a real desire for more time all the lists in the world aren’t going to provide more time.

In conclusion Mr Cooper suggested that we should write out our Purpose in Life. This will enable us to establish our priorities and thus focus our attention on accomplishing our purpose in life. Better use of time or time management thus becomes a means to an end.

P K

LARRY ARNOLD our NW Region participating member of the Education Committee (f y 1979) reported of the two meetings held this year — one in Wash., D.C., the other in St. Louis. Mr. Larry has been assigned to organize and develop material for a correspondence course (new in the C E category) preparation for the Certification exam. Present resource material is from a course given in L.A. more than a year ago and Larry asks that N W Region Chapters send him any materials they may have used or plan to use in giving seminars of a similar nature.

Also in Continuing Education Category he lists a short course on specifications & construction contracts packaged for chapter use by the Institute for use with a local instructor.

Portland Chapter has presented the Division One seminar (also a part of this C E category).

In the category of Undergraduate education a “job-heritage” profile was commissioned and tabulated.

An alternate degree program converting experience into college credit is a concept under study and CSI staff is coordinating an interfacing with Architectural Intern Development program with N C A R B.

AROUND THE REGION

Regular chapter meetings

COOK INLET 3rd Wed (Call Harley Highpower 276-2242)
PUGET SOUND 2nd Wed (Latouille 47)
SPokane 2nd Thur (Firestone Inn)
WILLAMETTE VALLEY 3rd Thur (Bev’s Steak House)

Our New Chapter [Tn Cities] meets the 3rd Thursday of month — any CSIer travelling through Kennewick write to contact Robert Broady 3024 W 75th & offer your support.

The Fall Region Administrative meeting (Chapter officers review institute, Region & Chapter affairs & exchange ideas) will be held in this area. Watch for date & location.

Region Awards:

The Portland Chapter was awarded the 1979 Northwest Region Newsletter excellence award at the Conference banquet at Rosario. Margie Largent editor and Bob Kies president received the award for the chapter.

Last year a new northwest region award was established, the Frank Stanton Memorial Award. Frank Stanton was an architect and specifier who was a long-time member of the Puget Sound CSI Chapter and just prior to his death was also a member of the Portland Chapter. Frank was an excellent specifications consultant writer and also gave lots of help to young architects. This award is given to a person who has contributed greatly to the cause of the Construction Specifications Institute.

The first recipient was J. Donald Kroeker PE, a charter member of the Portland Chapter. This year the award went to Don Paine PSCI of the Puget Sound Chapter. Both of these people are highly deserving of this award.

ARBITION COMMITTEE

APPROVES PILOT MEDIATION PROGRAM IN N Y

FROM BUILDING DESIGN & CONSTRUCTION DECEMBER 1978

The National Construction Industry Arbitration Committee (NCIAC) at its annual meeting last month approved a pilot program for the use of voluntary mediation to resolve construction disputes. It is the first time the committee has approved the use of mediation.

The pilot program will be conducted in the New York City area. If successful it will be expanded to other areas. Parties to architect-owner, owner-general contractor and general contractor-subcontractor agreements will be encouraged to supplement their contracts with a mediation clause.

The mediation procedure was developed by the NCIAC rules revision subcommittee and the American Arbitration Association (AAA) which will administer the process. Mediators will be selected from the existing panel of AAA construction arbitrators and trained in mediation techniques. The mediation proposal was initiated by the American Institute of Architects one of nine member organizations of NCIAC.

Michael F. Hoellering, vice president-casestation administration of AAA said the purpose of the program is to see whether construction disputes can be dealt with effectively at an early stage. Mediation before the parties reach an agreement among themselves. But the parties are not bound by the mediator’s suggestions, and if the effort fails they can request arbitration at a later date.

The filing fee for mediation will be $200 for each party. The mediator’s compensation will be determined by agreement of the parties.

Information developed during mediation cannot later be used against any of the parties in an arbitration or litigation proceeding. Hoellering said.

AAA will gather data on the cases filed.

In addition to AIA, other members of NCIAC are the American Consulting Engineers Council American Society of Civil Engineers, American Society of Landscape Architects, American Subcontractors Association, Associated General Contractors, Associated Specialty Contractors Construction Specifications Institute and National Society of Professional Engineers.
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