



President's Focus ■ Carl Drennan, CSI, CDT

The Memphis Chapter CSI Awards Banquet will be held on June 8, 2001 at The University of Memphis Fogelman Center starting at 5:30 p.m. Make your plans now to attend. It will be fun for one and all. Along with the awards that are normally given at the banquet, this year we have added a few more. Also, this year for the first time since 1998 The Memphis Chapters' highest award will be given to a very deserving member.

As I come to the end of my term as President of the Memphis Chapter, I would like to thank all of the members of the Board of Directors, Committee Members, and all who have attended the monthly meetings. I want to express a special thanks to Jim Neison, Tommy Smith, Louis Medcalf and others in our chapter who have worked long and hard on preparing and presenting our resolution to the Gulf States Region and on to the Institute. It is a good feeling to be a member of an organization that has a strong heart and backbone. We totally disagree with what is happening at the Institute on splitting the CSI Show and Annual Meeting. I am happy to say that the Memphis Chapter has taken the lead in expressing our displeasure with this change. I hope that other chapters in the Gulf States Region and other regions as well join us in trying to get the Convention and Products Show back

under one event.

The year has been a good year for our chapter. The one thing that has disappointed me has been the low attendance at our monthly meetings. We have a very diverse group of people in CSI and the subject of a monthly program does not always appeal to every one of our members. But do not lose sight of the "spirit of CSI". At every meeting we have a chance to freely interchange information and experience with members of the construction community. No other organization has as members: lawyers, contractors, subcontractors, architects, engineers, product representatives, professors, students, insurance agents and owners. At any meeting of Memphis CSI you have a chance to talk and exchange ideas with most of these people. Do not miss your opportunity to share your ideas with others.

So, I want to say again one more time "thank all of you" for the opportunity to serve the Memphis Chapter CSI as President for the year 2001. I will look back on this year as the highlight of my 21 years as a member of the Memphis Chapter.

*Carl E. Drennan, Jr., CSI, CDT
John J. Campbell Co., Inc.*

About CSI

The Construction Specifications Institute
99 Canal Center Plaza,
Suite 300
Alexandria, Virginia 22314
800/689-2900
www.csinet.org

Founded in 1948, the Construction Specifications Institute is a not-for-profit technical organization dedicated to the advancement of construction technology through communication, research, education, and service. CSI serves the interests of the entire construction team: architects, engineers, specifiers, contract administrators, owners, contractors, product manufacturers and suppliers.

Membership

Over 17,000 members are in touch through Construction Specifications Institute membership. CSI gives you up-to-date information to help you do your job more efficiently and effectively. For membership information call Wally Bostelmann at 901-327-7006. To contact CSI directly, call 800-689-2900.

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Director, Gulf States Region (2001)
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Phone: 615-321-4499
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University of Tennessee
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Knoxville, TN 37996-2400
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The Magazine

The Memphis Perspective is published ten times a year by the Memphis Chapter of the Construction Specifications Institute. Appearance of products or services, names, or editorial copy does not constitute an endorsement by the Memphis Chapter or the Construction Specifications Institute.

Articles, photographs, and other materials for **The Memphis Perspective** must be submitted before the 22nd of the month preceding publication in order to meet production deadlines.

Circulation of **The Memphis Perspective** is 275+. It is mailed to every Chapter member, members of the local AIA chapter, CSI regional editors, the Institute, and to various interested persons nationwide. Requests to be included on future mailing lists and letters to the editor should be forwarded to **The Memphis Perspective**, c/o Hnedak Bobo Group, 104 South Front Street, Memphis, TN 38103. The annual subscription rate is \$20.00.

Comments and submissions may be sent by e-mail to the editor at hfaulhaber@lrk.com.

Advertising rates for 10 issues of **The Memphis Perspective**:

Business Card Size	\$175
One-Fourth Page	\$430
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One-Half Page	\$860
Full Page	\$1,500

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One-Half Page	\$85
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plus printing costs

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Cover graphics by Louis Medcalf.



Editorial ■ Hans Faulhaber, CSI, CDT, AIA

We are coming to the end of another CSI year. The new officers will take their respective positions in August and we will be off to another exciting year of learning and growing.

This year has been especially exciting for me. As editor of this newsletter I have been charged with the duty of maintaining the very high level journalism established by my predecessors. This has not been a particularly easy task. I have had to deal with missed deadlines, printing snafus', and that dreaded of all newsletter components: white space.

I will have to admit that the highlight of my tenure began with the email I received from Mr. James Chaney, president of our organization. It came as quite a surprise as I truly thought that he meant to send it to Louis...

Anyway, I am staying on as the editor for one more year. I hope to work in an assistant editor to take my place at the end of next year. I also hope that my successor will maintain the high journalism standards that have been established by this newsletter.

This past months' program on water-proofing was great. Dale Smart is to be commended for a job well done. The end result of our monthly meeting was that, according to incoming chap-

ter president Louis Medcalf, "There is no one panacea that covers all water-proofing conditions".

We continue to have good speakers with interesting and informative presentations. For this reason alone our dues are worth the price. What I do not understand is why so many of you who are out there reading this editorial are not attending the meetings. We have roughly 170 members in the Memphis Chapter CSI. Our meetings typically have around 30 people attending. Are all of you other members so busy that you can't make these meetings, even once a year??

Carl Drennan stated at the beginning of his tenure as president of the chapter that he wanted to increase attendance. There is no doubt that the president alone can not accomplish that feat. All attending members should encourage those members, and non members (sometimes referred to as guests...) to come to the meetings and participate. I could not agree with Carl any more when he says that we should not lose sight of the "spirit of CSI". That being the opportunity to talk to and exchange ideas with the incredibly varied membership that our organization possesses. After all, our organization is a "technical organization dedicated to the

(Continued on page 4)

Chapter News

WATERPROOFING: A Program Report

Hans D. Faulhaber, CSI, CDT, AIA
Looney Ricks Kiss Architects, Inc.



Our 17 May 2001 meeting was on waterproofing and was presented by L. Dale Smart, CSI, CDT, Regional Market Manager for Tremco. Dales' PowerPoint presentation was dynamic and covered many topics. Among those topics were the concepts of waterproofing placement, and the various types of waterproofing materials.

There are essentially three methods of waterproofing a wall:

- Positive side waterproofing is applying the material to the (typically exterior) side directly affected by potential water migration.
- Negative side waterproofing is applying the material to the (typically interior) side indirectly affected by water migration.
- Blind side waterproofing is the installation of the waterproofing material to the exterior or direct side prior to the installation of the wall material. This method is typically used when the wall is on a property line.

Dale also lectured on the different types of waterproofing available: Sheet membranes, Fluid Applied single and multi component, and Bentonite and hybrid products using bentonite as the primary waterproofing component.

I believe the highlight of the night was a demonstration where Dale poured water into two cups nested in one another, with the interior cup having its' bottom cut out. Dale poured bentonite clay into the cups and then water. He removed the outside cup and the Bentonite had expanded and stopped any water from leaking. We were all believers after that demonstration.

Editorial

(Continued from page 3)
advancement of construction technology through communication, research, education, and service. CSI serves the interests of the entire construction team: architects, engineers, specifiers, contract administrators, owners, contractors, product manufacturers and suppliers." Let's celebrate our professional diversity.

See you next time.

Hans D. Faulhaber, CSI, CDT, AIA
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Chapter Calendar

June 8	Chapter Banquet at the Fogelman Center on the University of Memphis campus
July	No Chapter Meeting This Month
August	13th Chapter Board Meeting 15th Chapter meeting Places & Times To Be Announced

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98-00 Industry	Jim Neison	753-2954	753-2776
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THE MEMPHIS PERSPECTIVE

Editor	Hans Faulhaber	521-1440	525-2760
Asst Editor	Duke Walker		
Promotion/Marketing	Greg Campbell	372-8400	372-8404

COMMITTEE CHAIRS

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Membership	Wally Bostelmann	877-3681	877-3769
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Finance	Cliff Watson	767-0656	
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Certification	Gary Cofer	922-3122	922-5892
Technical	Ed Powell	726-0810	272-6911
Education	Chad Cooley	748-1811	748-3115
Programs	Louis Medcalf	577-0563	525-2570
Banquet/Christmas	Christie Ruff	375-4197	375-4709
Golf Tournament	Ed Kennedy	754-5115	754-5730
Conferences/Conv	Pam Davidson	261-4671	683-1001
Nominating	Carl Drennan	372-8400	372-8404
Planning	Ron Roberts	726-0810	272-6911
Operating Guide	Wally Bostelmann	877-3681	877-3769
Fellowship	Gary Wagoner	278-4260	278-6884

The Big Picture, Part 1

Sheldon Wolfe, CSI, CCS, CCCA, RA

Many interesting comments have appeared in chapter newsletters and in on-line discussion forums at www.4specs.com and bricsnet. There seems to be some misunderstanding about what OCCS is, and how it might affect MasterFormat. Before looking at that issue, we should first look at MasterFormat, and the reasons it may soon become inadequate for construction documents.

A quick look at MasterFormat reveals that it is inconsistent and illogical. Some Divisions and documents deal with basic materials, others with product function, product location, still

others with procedural and contractual matters. There is no logical way to know if wood flooring belongs in Division 6 because it is wood, or in Division 9 because it is a finish floor material. Some Divisions are relatively empty, while others don't have enough five-digit numbers to go around.

Despite these inconsistencies, MasterFormat has proven to be a useful system for organizing construction information. Some creativity is occasionally required to use it, but its very lack of specificity makes it adaptable to nearly every situation.

Because not all numbers are assigned, unused numbers can be used by specifiers as needed. Closely related sections in "crowded" areas can even have the same section number in a firm's master specification library. One of the reasons this loose system works is that it has been used by humans, who have far more imagination than any computer.

People would have no difficulty finding wood doors under section number 08200, 08210, or 08211. Besides being listed as such in the table of contents, a person used to looking in Division 8 has a good chance of

finding them. Why? Because we aren't locked into one-to-one correspondence between the world and our thinking.

As long as humans write and interpret specifications, a loose framework of organization is not just o.k. People can communicate complex ideas in relatively few words, the context helping decide what is being said. For example, we casually use the word "grout" for several products, yet we have little problem understanding that ceramic tile grout is not the same as masonry grout. Computers still need a little help with such things.

So what has changed?

Computers, once limited to governments and large-scale projects, are now common in the workplace. Unfortunately, most of us don't truly realize what they can do. I suspect most specifiers still use them in the same way they used typewriters, the primary benefits being the elimination of the carriage return bar and typewriter correction fluid.

They can do so much more, but some things will have to change to allow real progress in construction communication. One of those changes is increased defi-

inition of products and services. Because they have no imagination, computers rely on unique identifiers for each datum they process; close enough is not in the computer vocabulary. If solid core wood doors are supposed to be in 08210, then 08211 won't work! If twelve products have to fit into a ten number range of Level 4 numbers, something has to give.

© 2000 Sheldon Wolfe, CSI, CCS, CCCA, RA. Sheldon can be reached at polaris@fishnet.com or on the web at www.NorthStarCSI.com



A PERSPECTIVE

Wally Bostelmann, FCSI
WB & Associates

ABOUT THE AUTHOR

Wally Bostelmann, FCSI, has been the President of two CSI chapters. He has held Region and Chapter committee leadership positions. In his tenure in the CSI organization, Wally has held more than 40 leadership positions since becoming a member of CSI in 1983. Wally is currently a member of the Memphis Chapter CSI and owns and operates his own firm, WB & Associates specializing in insulation building products and acoustical consulting.

This article was requested as background on the previous newsletters' feature articles. Specifically this article addresses the "mess our Board got us in..." relative to the CSI conference and National Products Show.

Editor

What is CSI saying across the country about what our Board has done to our traditions, our communications, and the lack of respect for the Chapters? I have been "privileged" to correspond with several, very angry and disturbed members since as early as last November. We can be assured that the Memphis Chapter resolution is not a "stand alone" item. Other chapters and regions are sending up their flags of protest as well.

There are many things both large and small that really "hanker my kanker". I thought about an appropriate title for the this article. My first one was "A Perspective on the Perspec-

tive for the Perspective" But, it is much more than the big financial loss on the "Perspective" that has several hundred members from coast to coast ready to clean house and rid ourselves of those that have stated loudly and clearly through their actions that "chapters don't count". Can you imagine that words to that effect were allegedly stated at one of the Board meetings? I am confident of my source.

In my research I have found that there was not even a Prospectus presented to the Board for this great financial fiasco to be. Not one piece of business paper just a lot of hush, hush,



hurry, hurry hurry. No one (on the Board) remembers how we have been led to near financial destruction by CONI and Perspective. If they had good, management sense would have come out. I was pleased that after eighteen years in what was a great Institute that I found hundreds of people that agree with my feelings. My feelings are: clean house and start at the top and quit when we get to those that know and under-

stand the construction industry. Many have expressed that we own nothing anymore and all the diligent efforts of practitioners has been replaced by some professional writers who will be writing about the liquor industry tomorrow and the electronic industry the day after. Most every person that called or vice versa is highly concerned that the specifications are no longer considered paramount to us. Our whole pur-

pose should be focused on "Communications through Specifications".

Finally, everyone agreed that it was high time that the Board realizes that the staff is in our employ and not the other way around. There was one six letter word beginning with "s" that kept coming up in every conversation that I had.

CSI's Annual Awards Banquet!

This year's banquet will be held at:

Fogelman Executive Conference Center

University of Memphis

330 Deloach Street, Suite 206

5:30 to 9:00 PM

June 8, 2001

We will be enjoying our cocktail hour from 5:30 to 6:30 followed by a delicious dinner and our awards ceremony afterwards. We will also be entertained by a live musical performance of bluegrass and gospel music from *Critical Path*.

We hope all CSI members make arrangements to attend and see who our shining stars are! We will all enjoy the fellowship, great food, and music as well!

The cost is \$25 per person, which includes all drinks, dinner, and parking. Please RSVP to Kristy Ruff at 375-4197 no later than June 5th.

We look forward to seeing you there!

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Program News

Annual Awards Banquet

JUNE MEETING

On June 8th it will be time again to wrap up another year of achievement for Memphis Chapter CSI.

JULY MEETING

We will not have a Chapter meeting in July. Have your vacation and we will see you at the August meeting where the new slate of officers will be inaugurated.

*Louis Medcalf, CSI, CCS
Program Chair
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Date: *Friday, 8 June 2001*

Time: *5:30 Social Hour
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Location: *Fogelman Executive Center
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FY02 Chapter Leadership

The following list is of members have been elected for the noted positions. Officer nominations were voted on at the April 19, 2001 chapter meeting. There were no changes in the slate as nominated by the nominating at the chapter election. So without further adieu I bring you the FY 02 leadership:

Chapter Officers

President	Louis Medcalf, CSI, CCS
President-elect	Steve Mangin, CSI, CCS, CCCA
Vice Pres. Professional	Gary Cofer, CSI
Vice President Industry	Steve Fredrickson, CSI
Secretary	Pam Davidson, CSI
Assistant Secretary	Tommy Smith, CSI, CCS
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Assistant Treasurer	John Stancil, CSI
Past President	Carl Drennan, CSI, CDT

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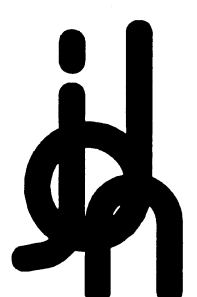
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00-03 Professional	Scott Guidry, CSI
01-03 Professional	Bill Morley, CSI
99-02 Industry	Jim Neison, CSI, CDT
00-03 Industry	Chris Bird, CSI
01-04 Industry	Mark Durham, CSI

The Memphis Perspective

Editor	Hans Faulhaber, CSI, CDT, AIA
Assistant Editor	Duke Walker
Ad Sales	Not filled

Committee Chairs

Product Show	Not filled
Membership	Jamie Smith, CSI
Scholarship	Jim Moncrief, CSI
Awards	Not filled
Finance	Cliff Watson, CSI
Historian/Certification	Tommy Smith, CSI, CCS, RA
Technical	Ronnie Bonner, CSI
Education	Ron Roberts, CSI, CCS
Programs / Nominating	Steve Mangin, CSI, CCS, CCCA
Banquet/Christmas	Kristie Ruff
Golf Tournament	Not filled
Conferences/Convention	Pam Davidson, CSI
Planning	Carl Drennan, CSI, CDT
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MEMBER NEWS

There were no updates from the Institute this month.

Again I ask all of those who are new members in the last month to either email or call me to get your information into the newsletter.

The next issue is August, so we have plenty of time to make arrangements.

Editor

CONSTRUCTION NEWS

There is a discussion in a recent edition of *Concrete Technology Today*, the newsletter of the Portland Cement Association, on concrete ramps for ADA compliance. The problem is that architects often design to the maximum allowable slope (8.33%) with maximum cross slope of 1.5%, which means that the contractor would have to build a perfectly flat slab to ensure conformance. Normal construction tolerances and material limitations may result in areas within the ramp that exceed ADA slope requirements.

PCA recommends that ramps

be designed with 7.5% to 7.8% slopes, which would allow a reasonable slope tolerance of 0.5% to 0.8%.

Similarly, PCA recommends that cross slope be designed to maximum 1.5%, which would allow a tolerance of 0.5%.

A 0.5% tolerance is equivalent to +/- 1/16" per foot.

This article has notes on practical methods of measuring slope in the field. Among other suggestions, PCA recommends that cross slope be checked every 6 ft.

WORDS OF WISDOM

Music creates order out of chaos; for rhythm imposes unanimity upon the divergent, melody imposes continuity upon the disjointed,

and harmony imposes compatibility upon the incongruous."

Sir Yehudi Menuhin

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Spec
Boners



This month's boner is from specification Section 15710 - Cooling Towers by an out of town engineer.

1.xx TESTING

- A. Tower shall be field or factory tested in accordance with the Cooling Tower Institute's Acceptance Test Code for Water Cooling Towers, CTI ATC-105 or:
- B. If after installation and start-up, there is any question as to the thermal capacity of the equipment, the engineer may request the manufacturer to send its engineers to the jobsite to conduct a thermal performance test. This test shall be in accordance with ASME PTC-23 Power Test Code, latest edition, and shall be observed by the engineer. Any deficiency in the equipment shall be corrected by the manufacturer solely at his expense and the equipment shall be further retested until it is shown that it is performing in accordance with the specification.
- C. The cost of the test(s) shall be borne by the manufacturer.

Let me get this straight: the engineer (not the lead design professional) thinks it has the contractual authority to directly control the manufacturer who makes the products sold by a supplier to a subcontractor who works for the contractor? Not only that, but the engineer has already decided up front who's at fault (the manufacturer) for problems and should pay for corrections and testing. (Isn't that called *prejudice*?) Finally, what is the word "or" doing at the end of paragraph A? Does that mean that the onerous and unenforceable requirements in B and C are *optional*? Aaaaaaaaaaargh.

