



Summary

Shower Surprises!

The Santa Clara Valley Chapter of The Construction Specifications Institute (CSI) would like to extend an invitation to you to join them on Thursday, April 3rd, 2003. Come enjoy dinner along with a slide presentation and discussion about those unwanted shower surprises.

Forensic Tile Consultants has investigated over 7500 homes with two, three, or more showers in each home, and performed destructive testing in over 1500 homes on, in, under and behind shower walls.

Gregory Mowat's shower PowerPoint presentation teaches, by example, the components of what works and what does not work for successful shower assemblies. Are you specifying showers in schools,

locker rooms, dormitories, hospitals, fitness centers, swimming pools, hotels, motels, or want to know what is happening in your own home? Join us!

Gregory Mowat FCSI, CDT, CTC, is a chapter member, Fellow in CSI, and last spoke to our chapter on Paving and Veneer in 1990, while serving as Institute (then West Region) Director. As Greg would say "Mold is Gold for plaintiff attorneys." Join the over 860 who have learned how to inspect shower assemblies from this presentation.

AIA/CES Learning Units: This program meets AIA/CES criteria. Participants will receive 1 hour of LUS (learning units) which also applies to 1 HSW (Health, Safety Welfare) hour.

When:	THURSDAY, April 3, 2003		
Location:	Ramada Inn Silicon Valley, 1217 Wildwood Avenue, Sunnyvale (Lawrence Expressway and 101)		
Times:	Social hour:	6:30 PM	
	Dinner:	7:00 PM	Dinner Cost: \$20 per person
	Program:	8:00 PM	

RSVP: Please call Harry Hades (408) 378-2762 and leave a message or email hharki@aol.com
RESERVATIONS ARE REQUIRED ***** Call prior to Noon on Tuesday, April 1, 2003 *****

Benefits of Membership in CSI

My name is Carl Bredl and I am the membership chair for the SCV chapter of CSI. Here are some of the benefits I've enjoyed as a CSI member.

Over the last couple of years, by attending monthly CSI meetings, I have obtained invaluable knowledge about many different areas in the construction industry. Through the Certification programs, I have learned about the Construction Documents Process and how projects coalesce. The most rewarding aspect of being a member is being able to network with some

of the most successful professionals in the industry. Additional benefits include CEU's (LU's) earned by attending the monthly meetings and seminars, low cost insurance and the *Construction Specifier* magazine.

CSI has been very good to me, so I have made a commitment to become more active in the organization. If you know someone in the construction industry, new or old, that wishes to become a member, please contact me at 415-601-8728.

Minutes of the Board Meeting

2002-2003 Board of Directors

Officers

PRESIDENT

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REGION DIRECTOR

Gilbert Johnston
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TASK TEAM CHAIRS

INCOME STREAM TASK TEAM
Joe Parsons

Santa Clara Valley Chapter CSI
(Draft – Board Approval Pending)

Place: Ramada Inn,
Sunnyvale

Date: March 6, 2003

Time: 5:00 p.m.

Present: Rick Aquino,
Jim Balboni,
Marvin Bamburg,
Carl Bredl, Julie
Brown, Harry Hades,
Dede Impink,
Gil Johnston,
Mike O'Donnell,
Joe Parsons,
Matt Sparkman,
Fritz Swenson

1. Chapter President Jim Balboni called the meeting to order.

2. The minutes of the previous meeting were reviewed by those present. Mike O'Donnell moved that the minutes be accepted as written; the motion was seconded and carried.

3. Treasurer's Report: No report. Jim Balboni advised the Board that he had the bill for the member badges that he would hold for the Chapter Treasurer.

4. Region Director's Report: Gil Johnston advised the Board that Jim Balboni represented the Chapter at the West Region Board Meeting since he had been unable to attend. Jim Balboni reported that the relationship between the Orange County Chapter and the Region and the Region budget were

the primary topics discussed at West Region Board Meeting. The Institute had advised the Region that they were considering collecting region assessments with Institute and Chapter dues to avoid contention between regions and chapters over payment of assessments. Several budgets were proposed and a budget was passed; those interested may view the approved budget on the West Region website. Due to time limitations, Jim was unable to present Chapter concerns about the Region bureaucracy. Jim verified that a check for the West Region assessment had been mailed to the Region.

5. President's Report: Chapter President Jim Balboni advised the Board that the Institute had hired a new director; details were available on the Institute website. Jim also reported that Herman Hoyer of the San Francisco had been elevated to honorary member and would be recognized at the Institute Convention in April. Jim informed the Board that he had received communication from the Institute President Elect Edith Washington expressing concern about member attendance at the Convention and the CSI University. Jim noted that scheduling the Convention from Tuesday to Saturday rather than from Thursday to Sunday could have an adverse effect on attendance.

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6. Unfinished Business:

Member Badges: Jim Balboni advised that the member badges had arrived and requested a volunteer to number the badges to correspond with numbers slots in the badge boxes so that the badges could be distributed by the next Chapter meeting; Fritz Swenson volunteered to process badges.

Printed Roster: Tabled.

Convention Delegates: Chapter Secretary Dede Impink verified that Jim Balboni, Julie Brown and Carl Bredl would be listed as delegates to the Institute Convention. Dede would submit the list of delegates to the Institute by the March 10 deadline.

7. New Business:

Chapter Dues: Jim Balboni delivered a letter from the Institute requesting declaration of Chapter dues to the Chapter Secretary for submittal to the Institute. The consensus of the Board was that no changes in the dues structure were warranted. Chapter Secretary requested clarification on dues for retired members. Mike O'Donnell moved that dues for retired members as defined by the Institute be \$0.00; the motion was seconded and carried. Dede Impink would submit the dues schedule to the Institute.

Nominations Committee: Jim Balboni appointed Fritz Swenson as chairman of the committee to nominate candidates for the FY 2003-2004 Board. Julie Brown and Mike O'Donnell volunteered to serve on the com-

mittee. Jim Balboni offered to serve as Chapter President for a second year since the current Present Elect would be unable to serve due to business demands.

CSI University Reimbursement: Julie Brown requested clarification on whether the reimbursement for CSI University attendees included the cost of tours, food and extra curricular activities. Julie noted that attendees had been advised that reimbursement occur after the event. Jim Balboni expected that travel, hotel, registration and per diem food costs should be borne by the Chapter. Given that lunch was provided, Mike O'Donnell moved that the Chapter reimburse attendees up to \$35.00 per day to cover food with submittal for reimbursement accompanied by receipts; the motion was seconded and passed.

8. Committee Reports:

Task Team – Income Stream: Joe Parsons reported that the Task Team had not been able to schedule a meeting due to conflicting schedules and that it was imperative that they meet. A meeting was scheduled for 5:00 p.m., Tuesday, March 18, 2003 at Joe Parson's office in Palo Alto.

Task Team – Leadership

Training: Jim Balboni reported that Carl Bredl and Krista Nelson would be attending the CSI University in June. The Board clarified that attendees would be making reports to the Board following the training.

Programs: Mike O'Donnell

Board *continued on Page 10*

2002-2003 Committee Chairs

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EDUCATION, CERTIFICATION
To Be Announced

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John McCaffrey, CSI
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West Region News

*By Valarie Harris CSI, CCPR,
West Region Director, Industry and
John Patrick McCaffrey CSI, CCS,
AIA, SCIP, West Region Director,
Professional*

During the past weeks, Valarie and I have attended the West Region Mid-Year Meeting and the February Institute Board meeting, and the MasterFormat Stakeholders Symposium. The following is a short report of each event.

Region News

The West Region Mid-Year meeting occurred 31 Jan – 1 Feb 03 in Oakland, CA. As usual, the Speak-Out meeting was an open exchange of ideas and opinions concerning matters of interest for chapter leaders. The majority of the Board members voted to raise the Region member assessment 50 cents. A great deal of time was spent on this issue as part of a review of the proposed budget for FY 04.

Details of the West Region Conference are being finalized by the Honolulu Chapter. The Conference will be held September 24-28 at Kona on the main island of Hawaii. Please mark your calendar for this Conference. Especially, if you are a Chapter committee chairperson, you should not miss this Conference. There will be opportunities to meet and talk with others doing the same work for their chapters.

We've always found the sharing of ideas makes our job easier and our chapter better.

Last Fall, Valarie and I asked Bryan Varner, from the Redwood Empire Chapter, Ingrid Baisch, from the San Diego Chapter and Duane Johnson, from the Sacramento Chapter, if they would be willing to meet with members of the OCC Board to discuss the history of the problems leading to the OCC secession from the West Region; current issues that are important to the OCC Board, and how the OCC and West Region Boards could resolve the impasse. They agreed. In December, a written request to meet was presented by Bryan, Ingrid and Duane to the OCC Board. The Board declined the invitation. Gary Kehrier, OCC President-elect, talked to Bryan and asked him to write to Mark Niese, OCC Chapter President, to explain the history of the communications between the OCC Board and the Region Board since OCC's secession from the West Region, and the reasons why Bryan, Ingrid, and Duane were asking to meet with members of the OCC Board. Bryan wrote a letter of explanation. As of this writing, there has been no reply. We will keep you informed of any developments regarding reconciliation with the Orange County Chapter.

Institute News

CSI Executive Committee and Board Meeting

The Institute held its winter EXCOM and Board meetings February 6-9 in St. Louis, MO.

The Board selected the new CSI Executive Director, Karl F. Borgstrom, Ph.D. from Edgewater, MD. Karl has roots in California having B.A. Political Science from UC Berkeley and Ph.D. Education from UC Santa Barbara, where he also worked for 13 years. We welcome him to the Institute.

Other items of business included notice that funds have been released to support an upgrade of the computer system. We are looking to improve the website and the coordination of the various databases that compile the membership lists for chapters. Recommendations approved include modifications to officer appointment procedures; Master Award criteria approval, and appointment of the Southeast Region Institute Director. The Board reviewed committee and task team reports and discussed setting priorities for projects in process and waiting in the wings.

Institute Award Winners from West Region

Congratulations Herman! The Board unanimously voted to elect Herman Hoyer as an Honorary Member of CSI, the

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Institute's highest honor.

Three of our members will be installed as Fellows in April at the CSI Show , Barbara Richardson CSI CCCM, Joe Dworkin CSI CDT and John Patrick McCaffrey CSI CCS AIA SCIP.

Many other West Region Members received Institute Awards that will also be presented at The CSI Show in April. Watch this column for more information.

CSI University

Please check CSI's website for more news regarding CSI University in June. The curricula were presented to the Board and the education sessions look very interesting. We will have more on this event in next month's West Region Corner.

The CSI Show

Also coming up is the CSI SHOW April 9-11 in Chicago. With all of the snowstorms we've had, April should be beautiful. THIS IS A SHOW NOT TO BE MISSED!!!

MasterFormat™ Stakeholders' Symposium III, Jan. 24, 2003

A meeting with major MasterFormat™ users and profes-

sional organizations was held in San Francisco, January 24. The outcome of the MasterFormat Expansion Task Team was the selection of Scheme B that revises the traditional arrangement of MasterFormat. The Task Team will also incorporate components of Scheme D; thereby creating a new Scheme E. Watch CSINet.org for details. Many thanks to the San Francisco Chapter and their sponsors who hosted a reception at the Stakeholders Symposium.

VOTE! Voting for Institute offices has been extended to March 8. Words to the wise, if you're planning to vote electronically, don't wait until the last minute. Valarie and I both have worked with the executive committee candidates and would be glad to share our thoughts. And don't forget to VOTE for your Chapter officers.

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Planning Calendar 2003

- April 3 - Showers and Prevention of Water Intrusion
- May 1 - Revisions to the Manual of Practice (MOP)
- June 5 - Hawaiian Night and Installation of New Officers
- July 3 - EIFS and the State of the Industry for Insurance and Design

Visit our website at
www.csiscv.org or

The West Region's website
at www.westregioncsi.org

Membership Name Badges

Badges have been made and will be available for each member to wear at the next meeting. Look for the wooden box at sign-in for your badge in alphabetic order. Just remember to return them to the box, to use for each upcoming meeting.



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TechNotes

Specifiers Under Gag Order!

Well, did you do your homework? Did you visit the discussion forum at www.4specs.com? Let's look at some of the complaints that have been expressed around the country.

We need a specifiers' forum

O.K. - just what would that be? How can specifiers communicate with each other? How about an annual gathering where we could get together and talk shop? Oh, that's right, we have a convention. All right then, maybe something more regional or local, and...how about this - monthly meetings? Oops, got those, too. How about a monthly magazine! Hmm, we get that already, along with chapter newsletters.

I've got it - a website with a forum, and a directory of members, and information to help with our local activities, and certification study guides and, and - what? Oh - we have that, too?

What, exactly, are we looking for? Sadly, the answer appears to be that we want someone else to do all of the arranging, to make sure that everything works with our schedules, and certainly to do all of this without any effort on our part. Is it too much trouble to call or send e-mail to other specifiers without help from Institute? We used to get along pretty well on our own,

using antiquated things like typed or handwritten letters, and later with telephones.

Many chapters have specifiers' meetings, and they have been having them for years on their own initiative. The discussion forum at 4specs.com, done without any help from Institute, is doing quite well, thank you, and many chapters seem to be able to host a variety of special events for specification writers.

In CSI's early years, members worked together to create many standards for preparing, organizing, and using construction documents, and to write and review specifications, and they did it without e-mail or cheap long distance phone rates. Members met locally, chapters met within regions, and eventually they began meeting at national conventions. And - with the exception of the national convention - they managed to do this pretty much on their own, with little or no help from Institute.

They didn't wait around for someone else - they did what had to be done.

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www.CSI-MSP.org

Rainfall Inside My House

*Written by Don Halvorson, CTA,
CTC, CMRS, Forensic Tile
Consultants, Thousand Oaks, CA*

The Shower Environment

Forensic Tile Consultants has performed thousands of site inspections and intrusive tests over the past several years as an Expert Witness for Construction Defect Investigations. After many years of bathroom inspections, it has become vividly clear that Residential Showers are a major source of water entry into the structure due to type of wall construction, improper construction practices and availability of construction details. While the typical Homeowner complaint that drives a Construction Defect Lawsuit tends to be roof and window leaks, a major source of water entry into the structure is located in the bathroom or bathrooms of the home. This specific area of water intrusion leads to structural damage, mold growth and health issues. While Architects and Contractors are aware of the weather issues associated with roof and window installations, very little emphasis is placed on properly constructing a shower to eliminate water leaks into the building envelope.

In 1997, Cecil Hunt, owner of 'Hunt For Tile', a Tile Contractor in Chula Vista, CA, performed a basic test to determine how much moisture was occurring inside the shower during a typical personal shower. He simply placed a glass inside the shower, on the receptor in the water spray pattern, and tracked the amount of time required to fill the glass with 6 inches of water. This occurred in 3 minutes. Using 12 minutes as a typical shower

SUMMARY

time, Mr. Hunt calculated that 24 inches of rain fell during that shower, which amounted to 8760 inches of “rain” in a one-year time frame. This figure has been used for several years in the industry by Tile Experts.

In an effort to justify this figure, or provide a more realistic figure, a review of the shower environment with respect to water or moisture is required. Currently, much emphasis has been placed on water conservation with reduced water flow showerheads. This is due to “The Energy Policy Act of 1992”, a Federal Law, that placed requirements on the manufacture of shower heads after January 1, 1994. This law established the National Water Efficiency Standard at 2.5-gallons per minute at a water flowing pressure of 80 PSI plus meeting the requirements of ANSI A112.18, 1M-1989, 7.4.3a for all showerheads except a safety shower showerhead.

Obviously, the water flow is going to vary with showerhead design and water pressure, plus the fact that there are probably more residential houses with water pressures around 60 PSI, than 80 PSI, and that would bring the resultant water flow down to about 2 gallons per minute.

Expert opinions vary on how long a “normal” shower lasts and how much water is actually used. The GAO (United States General Accounting Office) published a comprehensive study conducted by the American Water Works Association’s Research

Foundation. In it they report that the “Mean Daily Residential Water Use” for a shower is 11.6 gallons per person.

Therefore, a base line flow rate would simplify any analysis undertaken and give a standard by which to judge the results. For this analysis, the showerhead flow rate used in the calculations will be 2.5-gallons per minute as depicted by the National Water Efficiency Standards.

A showerhead sprays water in a constant pattern; in other words, it does not fall in a random pattern like natural rain. This fact does not lend itself to using a rain gauge to measure the water amount. The actual shower size also varies, along with the spray zone and splash effect of a moving body.

The only item that is constant and can be utilized in this analysis is the size, or footprint, of the shower unit. The analysis will compare the typical shower sizes found in residential houses. The water flow rate, calculated for a 12-minute shower, will be

figured as covering the floor surface without draining away. This amount will then be added up for a one-year time frame. The standardized units seen below will be used.

Conclusion:

Assuming the annual rainfall in Southern California in 2001 was 6” and other areas of the World receive over 200 inches of rain per year; we can compare the highest and lowest figures from the chart below (1,098/2,482) with those rainfalls (6/200) and quickly realize that the moisture inside a shower can be from 5.5 to 414 times more “rain” than on the roof.

Note:

- If we use the 2-gallon per minute flow rate, the moisture inside the shower changes to; 4.4 to 329 times more than on the roof.
- If we use the “Mean Daily Residential Use Per Capita” figure of 11.6 gallons, the moisture inside the shower changes to; 2.2

Rainfall *continued on Page 10*

Flow Rate	2.5-gallons per minute
Usage	12-minute shower, once per day
One Year	365 days
One Gallon	231 cubic inches
One Day Volume	30 gallons (6,930 cubic inches)

“Rainfall” Equivalents

Shower Size	Square inch area	Inches/day	Inches/ year
Min. size (plumbing code)	1,024	6.8	2,482
48” x 48”	2,304	3.0	1,098
42” x 42”	1,764	3.9	1,424
36” x 36”	1,296	5.3	1,935
28” x 60”	1,680	4.1	1,497
In spray pattern (per Cecil Hunt’s Testing)			8,760

The Southern Fried Architect

(A clear, complete, concise, and mostly correct, irreverent view of stuff happening in the design/construction industry)

*By Dennis J. Hall, FCSI, AIA
March 2003*

With the CSI Show coming up in about a month, many of you have been wondering, “what is there to do at the show this year?” As your special guide to the “little known” and the “who could care less” events, we are here to enlighten our readers on a few of the events not to be missed in the Windy City. Start making your plans now. Space at some of these events may be limited.

The Annual Burning at the Stake of the MFETT Chair

We were concerned that due to the resignation of Greg B. as CSI Executive Director last Fall, (contributor of the stake and rope) we would have to cancel this popular event. However, due to the generous contribution by the National Electrical Contractor’s Association, it is a Go! The International Brotherhood of Electrical Worker’s were able to resolve all union issues with open burning inside the Convention Center and the NSCA has donated a fire-starting device, which will enable remote igniting of the blaze. This is a good thing, because, the fuel will be all those proposed versions of MF 04 that were rejected by the task team. This is definitely a not to be missed event! I know I plan to be there.

A Plethora of MasterFormat Education

Haven’t gotten enough of all this MasterFormat stuff yet? Well, here is your chance to get even more.

April 8 1:00 PM – 2:30 PM
MasterFormat™ Seminar (Oh man! This is opposite the seminar on wood shear wall design that I wanted to attend)

April 9 10:15 AM – 10:45 AM
Industry Integration Initiative

April 9 12:15 PM – 12:30 PM
MasterFormat Small Showcase
Theatre Presentation

April 10 1:15 PM – 1:30 PM
MasterFormat Small Showcase
Theatre Presentation

April 10 2:15 PM – 2:45 PM
MasterFormat Main Showcase
Theatre Presentation

April 11 10:15 AM – 10:45 AM
MasterFormat Main Showcase
Theatre Presentation

April 11 12:30 PM – 12:45 PM
MasterFormat Small Showcase
Theatre Presentation

And as a Special Treat to SCIP Members:

April 12 TBA (or maybe not)
Specification Consultants in
Independent Practice Meeting

Boring, Boring, Boring

Normally, the Member Forum is one of those events where, you only attend if you accidentally walk-in and realize you are there or if you are a CSI junkie like myself. Well, this year may be a little different. Rumor has it that a small group of disgruntled members will drag the dead carcass of the MFETT chair into the meeting and demand

an Institute wide vote on MasterFormat Expansion. This band of left-wing specifiers will also demand a return to the June convention and a few other things they are willing to give up in trade. I know my friend President, Cut’n Phil McDade, FASLA (Fellow in the club for certified dirt decorators) will not be persuaded by such cheap tactics and the CSI Board of Directors have even dared this group to carry out their threat. It’s good to have a Board with real backbone.

Tar and Feathering: On the Road for a Better MasterFormat

Thank you, thank you, really thank you. After visiting such wonderful places as Omaha, Nebraska, Minneapolis, Minnesota, and Allentown, Pennsylvania in the winter, we are finally getting to go somewhere warm. And I don’t mean Atlanta in June, although we will be doing that too. We are still looking for a call from St. Somewhere for a presentation and that does not include St. Paul.

March 7 Accent on Architecture
March 8-9 OCCS Workshop
March 11 Las Vegas Chapter
March 12 Northern Virginia Chapter
March 12 Phoenix Chapter
March 14 NSCA 2003
Integration Expo
March 15 Honolulu
MasterFormat Seminar
March 17 AIA/CSI Delaware Chapters
March 18 Honolulu Chapter
March 24 Milwaukee Chapter
March 27 Toronto Construction Assoc.

Creating a Stir: MasterFormat in the Mags

As we try to gain support from the entire construction industry for our lunacy, we have not limited ourselves to the traditional architectural publications. In March, you can expect to read articles about MasterFormat in The Builder's Exchange, Total Facility Magazine, CSI NewsDigest, The Construction Specifier, Mechanical Solutions Magazine, and many more exciting publications. I know I always thumb through a copy of at least one of these publications at my psychiatrist's office before each visit.

Speaking on MasterFormat in magazines, Formare-Technica has created a quarterly online magazine catering to the adopters/users of the revised MasterFormat. They expected it to be up and running by March 30 and can be found at www.MFR4.com. Wow! Now we even have our own magazine. Next year we will be working on our own TV series, "CSI MF04." Each week, we will painstakingly detail the correct and incorrect use of work results in the field. What do you think?

CSC Executive Committee to Consider MasterFormat 04 Changes

The Construction Specifications Canada's liaisons to the MFETT have submitted a recommendation to the Executive Committee of CSC, that they approve the current working draft of MasterFormat 04 as the basis for the final document. The CSC Executive Committee will be meeting this month to consider this recommendation. The MFETT also plans to submit

MasterFormat 04 to other industry organization for their endorsement. These organizations include the AIA, NSCA, ASPE.

New Standard for Transportation Specifications

Ever wondered, how the transportation industry organizes construction information? Neither had we, but in January, I spent an entire day with the San Francisco Bay Area Rapid Transit District and one of their consultants discussing this very subject. By 9 PM that night, we had reworked the organizational structure for specifications for all transportation groups including, rail, roadway, air, and waterway.

Over the next fifteen years, BART plans to spend about \$10 Billion, on expansion of their information system. The new structure will become the basis for their master guide specifications and a model for all other transportation groups. We will continue to work with BART to refine this structure as it is also the basis of our Transportation Division.

SFA Editorial Section

Am I the only one confused with the difference between the CSI Show, the CSI Annual Convention and Expo, and Construct America? Did I not get the memo on this? Apparently not! As Shakespeare said, "What's in a name?" I guess when you have three names, it really doesn't matter what you call it. As your resource for mostly correct information, let's find out what's going on with all these names. To get to the truth, and the SFA is always about the truth, we went to CSI President-Elect, Edith

Washington, FCSI. For the three people in the Institute who may not know Edith, she was second in SFA's Man of the Last Year, for 2002 to Mike Owen, and only lost on a technicality. According to Edith...

"1. The CSI Annual Convention and Expo was the former name of this event. It accurately described our annual convention and the large exhibit of construction products/materials that occurred in conjunction with the convention.

2. The CSI Show is a part of "Construct America". Construct American involves the co-location of our exhibit (or expo) with another show of related interest. Think of "Construct America" as the umbrella that CSI owns and invites others to share. Through co-location we gain many advantages. In addition to providing more information for our members, we provide expanded networking opportunities, and continue our reputation for having the largest non-residential exhibit in the country. There are also certain advantages to co-location as relates to the business aspect of the show. The name "Construct America" is copyrighted. I believe it will come to symbolize the best industry event of its type.

For CSI members the word convention means a number of different activities. Many of these activities will still occur at Construct America; others are now a part of CSI University (as described in the description I provided)."

Well, I guess that clears this whole thing up. As for me, the CSI Convention by any other name is still the CSI Convention. See ya there!

SUMMARY

Board *continued from Page 3*

reported that he had received a response to his invitation to the AIA to set up a joint meeting. Unfortunately, the AIA wanted to schedule the meeting for May and the Chapter had already scheduled the May meeting. Mike had proposed a joint AIA/CSI meeting be scheduled some time in the fall.

Editor/Publications: Matt Sparkman reported that the last newsletter was published on time with numerous articles. Matt noted that he had been unable to work on newsletter advertising. Matt also reiterated his request that payment to Audrey be processed in an expeditious manner.

Operating/House: Mike O'Donnell advised the Board that he had signed the contract with the Ramada for the upcoming year. Gil Johnston advised that the last two bottles of wine donated by Bob Cary would be raffled off tonight; the Chapter needed to buy more wine.

Membership: Carl Bredl advised the Board that he still needed direction from the Institute and

requested that the Chapter President request the Institute open the website to the Membership Chair. Jim Balboni noted that he had requested access but would repeat the process with current Institute personnel. Carl also reported that he was continuing to work on the membership survey.

Awards: Gil Johnston advised the Board that he had no report but would like to meet with the Chapter President.

9. Announcements and Open Discussion: FY 2003-2004

Board: Matt Sparkman advised the Board that, due to structural changes within his company, he may not be able to serve on the Board next year. **April Meeting:** Harry Hedges advised that he needed the program data for the April Meeting. Julie Brown confirmed with Mike O'Donnell that, since program information was not yet available, that there would be no flyer in the AIA newsletter for the April meeting.

Nominations Committee: Frits Swenson requested that members of the Nominations Committee stay after the Board Meeting to schedule a committee meeting.

10. The meeting was adjourned by Chapter President Jim Balboni.

Rainfall *continued from Page 7*

Residential Use Per Capita" figure of 11.6 gallons, the moisture inside the shower changes to; 2.2 to 156 times more than on the roof.

From all the studies and variables reviewed, the range of moisture in the shower environment varies from 2.2 to 414 times the annual rainfall experienced on the structure's roof.

The calculations and conclusions shown here are strictly meant to point out the fact that we have more moisture occurring inside a shower during normal use than on the roof during rainstorms. It is therefore, necessary to design and construct a shower with equal or better care than the roof of a house.

Common sense tells us that:

- Any water occurring inside the shower area must go to the drain, not into the structure.
- In order to stop mold growth, you have to stop the water from migrating into the structure.



Myles C. Cowhord
Vice-President

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