

Phoenix Chapter of the Construction Specifications Institute

Cactus Comments

CSI PHOENIX NEWSLETTER

MARCH 2009

PUBLICATION DEADLINES

Publication deadline for the April 2009 issue of the Phoenix Chapter Newsletter is March 24, 2009.

Articles and items of interest should be submitted to Darlene Moore at dablmo@hotmail.com or Alex Devereux at adevereux@itt-tech.edu.

We welcome member articles and ideas/suggestions.

CHAPTER NEWS



Knowledge for Creating & Sustaining the Built Environment
CSINet - Home of The Construction Specifications Institute

Monthly Chapter Meeting

The March Chapter Meeting will be held on **Thursday, March 12, 2009 (President Lincoln's Birthday)**. Check-in and Networking begins at 11:30 a.m. Lunch and Program will begin at 12:00 p.m. The meeting will be held at the **Radisson Hotel Phoenix City Center, 3600 N. 2nd Avenue, Phoenix, AZ 85013 (602-604-4900)**. **For dinner reservations, call 602-258-7499 by March 10th at noon.** Cost is \$25.00 for non-members (cash or check only), free to CSI members and counts as one (1) AIA LU credit. This month's program is "Indoor Air Quality Materials and Methods". Guest speaker is Shannon E. Newton, MPH, CIH, Health

Effects Group, Inc. Ms. Newton will be providing a briefing about indoor air quality, methods and measurements to describe the indoor air quality within a building, design considerations from an industrial hygiene professional point of view and examples of common indoor air quality issues.

Monthly Technical Meeting

If you would like to join the CSI Technical Committee, the next meeting is Tuesday, March 10, 2009 from Noon until 1:00pm. (bring your own lunch), at **HDR, Inc., 3200 E. Camelback Rd., Suite 250, Phoenix, AZ 85018; 602-522-7700**. The topic of discussion is Building Envelope.

INSIDE THIS ISSUE:

Chapter News	1
President's Message	2
Speaker Bios	3
Member Spotlight	4
Golf Tourny	7
The Green Room	9
Curmudgeon's Corner	10
The Reference Library	12
National CSI News	13
Board Minutes	16
Chapter Meeting Dates 2008/2009	19
Chapter Officer	20
Classified Ads	21
Have a Little Fun!	22

This month's "**Member Spotlight**" features **Ron Geren**, past President of the Phoenix CSI Chapter & **Jay Norton**, President-Elect.

If you would like to be included in the "**Member Spotlight**", please contact **Alex Devereux** at adevereux@itt-tech.edu or **Darlene Moore** at dablmo@hotmail.com with your request.

PRESIDENT'S MESSAGE

WE ARE CSI

By President, Ken Martinek

If you are a designer who wants to prepare clear drawings and project specifications to ensure that you give your clients exactly what they want, if you are a contractor who wants to submit the bids that win jobs, if you are a building product manufacturer or representative who wants to have your product successfully and correctly installed in a building, or if you are an owner who wants to limit your liability by getting all members of the team on the same pagethen you belong with usThe Construction Specification Institute (CSI).

If you are interested in preparing accurate CAD drawings, preparing clear and concise project specifications, expertly drafting general contract conditions, submitting successful proposals and bids, and choosing the most appropriate building projects.....then you belong with us. If you are concerned with raising your technical IQ, honing your skills, advancing your career, and sharpening your technological and competitive edge.....then you belong with us. I invite you to:

- * Join forces with the best and the brightest in the industry.
- * Reap the benefits of cutting edge programs, products, publications, and services.
- * Link up with the best networking opportunities in the industry.
- * Move the industry forward by promoting efficiency, productivity, and coordination.
- * Keep up with the technological leaps coming down the pike.

This is your moment. Take advantage of it.

WE ARE CSI.

***About the President:** Ken Martinek, CSI, CDT, AIA, is National Sales Manager for Arcadia, Inc. (est. 1930), a leading single source supplier of architectural building products, including curtain wall, storefront, entrance, window and interior framing. Martinek has over 30 years in the glass and glazing industry and has been a CSI industry and AIA affiliate member since 1988, supporting both the architectural and glazing community. You can contact the author at kmartinek@arcadiainc.com.*

"... This is your moment. Take advantage of it. ..."

SPEAKER BIOS

Shannon E. Newton, MPH, CIH

Shannon began her career in 1995 as an industrial hygienist in the United States Air Force serving as a Bioenvironmental Engineer. She oversaw industrial hygiene, occupational health and environmental programs for five military installations and two overseas locations. Since 2000, Ms. Newton has been consulting in the field of industrial hygiene and occupational health serving a variety of clients including schools, hospitals, manufacturing, military installations, power plants, city and county governments and private industry. Shannon serves as Health Effects Group, Inc. general manager.

Education:

B.S., United States Air Force Academy, Environmental Engineering, 1995
Master's of Public Health, University of Arizona, Occupational and Environmental Health, 2005

Certifications:

American Board of Industrial Hygiene (Certified Industrial Hygienist - Comprehensive Practice), 2000 - present
AHERA Building Inspector
AHERA Management Planner
AHERA Contractor/Supervisor
EPA Lead Inspector
EPA Lead Risk Assessor

Professional Organizations:

American Industrial Hygiene Association
American Industrial Hygiene Association - Arizona Chapter
American Conference of Governmental Industrial Hygienists
Environmental Information Association, Arizona Chapter, Corporate Membership

Health Effects Group, Inc.

Health Effects Group, Inc., founded in 1988, is dedicated to providing state-of-the art industrial hygiene, occupational health and environmental services. Our company principals and industrial hygienists consist of nationally recognized leaders in the field of industrial hygiene and environmental health.

We provide our clients with comprehensive services for the identification, evaluation and control of chemical, biological and physical exposures in the workplace as well as services to enhance environmental compliance. These actions prevent employee illness, help protect our environment and establish compliance with Occupational Safety and Health Administration (OSHA) and Environmental Protection Agency (EPA) regulations.

Our consultants have in-depth experience in providing cost-effective environmental and occupational workplace control solutions and sampling strategies that optimize meaningful results. The company specializes in keeping the indoor environment and workplace healthy while saving money for our clients.

Indoor Air Quality Briefing

Ms. Newton will be providing a briefing about indoor air quality, methods and measurements to describe the indoor air quality within a building, design considerations from an industrial hygiene professional point of view and examples of common indoor air quality issues.

MEMBER SPOTLIGHT

Ronald L. Geren, CSI, CCS, CCCA, AIA, SCIP

After graduating with a Bachelor of Architecture degree from the University of Arizona (Go Cats!), Ron Geren began his career in the construction industry as a brand spanking new second lieutenant in the United States Air Force civil engineering career field as a base architect. Before his starched uniform could get a crease, he was designing, coordinating, estimating, and, yes, specifying, for many of the base projects. Ron left active duty after four years of service and entered the Air Force Reserve as a brand spanking new captain.

No longer employed, Ron began searching for a new job as a civilian and worked briefly with the Army National Guard Facilities Management Office (FMO). Seeking licensure as an architect, Ron needed more time under the supervision of an architect and found a position with a small, local architecture firm. During his employment at the firm, he acquired his license as a registered architect in the State of Arizona. With his brand spanking new architect's seal (yet to be used), Ron returned to the Army National Guard FMO as Chief of Design and Construction, where he was involved in one of the largest construction periods in Arizona National Guard history.

After 4 years with the National Guard, Ron entered enemy territory as a project manager for Arizona State University's Facilities Design and Construction Department. But, after 2 years, 9 months, and 20 days, the oppressive Sun Devil environment proved to be too much for Ron and he found a safe haven in the Phoenix office of Gould Evans—a two-year-old affiliate of the Kansas City architectural design firm.

During his nine-year stay with Gould Evans, Ron joined CSI in 1999 and eventually obtained certifications as a certified construction contract administrator (CCCA) and certified construction specifier (CCS). Ron also obtained certification as a building plans examiner from the International Code Council (ICC).

Seeking pure employment bliss, Ron began his own specifications and code consulting firm at the beginning of 2007 with the imaginative title of RLGA Technical Services. With clients spanning from Oakland, CA to St. Louis, MO, Ron has a range of experience in a variety of building types, but holds a special interest in higher education facilities. He writes "The Code Corner," a semi-periodical article on building code issues, which he posts on his website at www.specsandcodes.com.

After 23 years of military service (some of it spent in the lovely sands of Kuwait—can you just taste the sarcasm?), Ron retired in 2007 from the Air Force Reserve as a lieutenant colonel.

(Continued on page 5)

MEMBER SPOTLIGHT

(Continued from page 4)

Ron Geren (cont'd)

Ron is involved with CSI at many levels. He is the Immediate Past-President of the Phoenix chapter and was the Programs Chair for three years. Currently, he's the Academic Affairs/Certification Chair and a board member of the Kenn Lockhart CSI Scholarship Foundation. At the Southwest Region level, he was the Programs Chair, is currently the Academic Affairs Chair, and will begin the new fiscal year (July 2009) as the Vice President. At the Institute level, Ron was the Chair for the CDT Body of Knowledge Assessment (BOKA) committee and is currently a member of the Editorial Advisory Board for *The Construction Specifier*, CSI's official magazine. Ron is also a member of the AIA, and is in his second year as a member of the AIA MasterSpec Architectural Review Committee (MARC).

When Ron isn't burning himself out on running a business and participating in the many professional-related activities, he enjoys spending time with his family and four cats (all rescues). His three daughters, Sarah (17), Rebecca (15), and Whitney (10), are very athletic (He said they didn't get that from him) and smart (From him? That's debatable). Ron and his wife, Susan, will be celebrating their 25th wedding anniversary this May. Ron enjoys the movies, reading suspense and military history books, and traveling.



Technical Services
5902 East Grandview Road
Scottsdale, Arizona 85254

- Specifications
- Building Code Analysis
- Peer Review
- Contract Administration

Ronald L. Geren

AIA, CSI, CCS, CCCA, SCIP

Principal

P: 602.569.9645

F: 602.569.9642

M: 602.791.7016

E: ron@specsandcodes.com

www.specsandcodes.com

MEMBER SPOTLIGHT

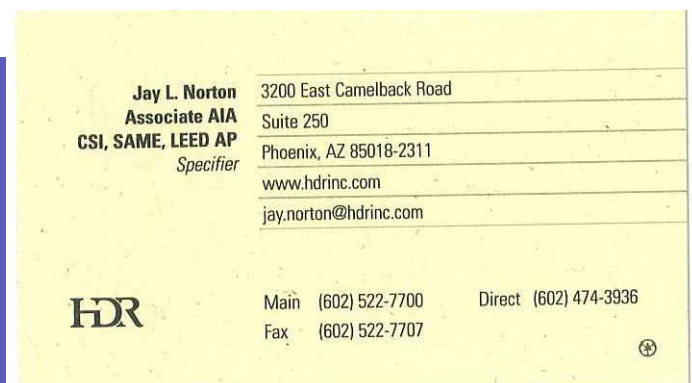
Jay L. Norton, Associate AIA, CSI, SAME, LEED-AP

I was "Born in California, Raised in Arizona, King Tut". Sorry but that was too good to resist. Graduated from Sunnyslope High School and ASU back in the Dark Ages. After graduating from ASU I attended U.S. Air Force Pilot Training at Williams Air Force Base and then spent the next 20 years "roaming about the world", spending most of my time in Special Operations as a Fighter Pilot. When I retired from the Air Force I returned to Arizona and enrolled in the College of Architecture, graduating with a Bachelor of Design in 1986 and a Master of Architecture Degree in 1988. I joined CSI in 1989 and have been an active member of the Phoenix Chapter ever since. I am married to my "Trophy Wife" for 38 years ("I married her first, it saves time and money that way."). Ellen and I are the proud parents of Travis, a Fighter Pilot in the U.S. Air Force and Kirstin, a student at ASU. We are also the proud grandparents of 4.

I "retired" in late 2004 but went back to work full time early in 2007 ("The projects were just too good to pass up"). I am currently the Specifier for HDR Architecture here in Phoenix. HDR is a large International EA firm and nationally the largest (and Best) Healthcare Architecture firm in the U.S. Here in Phoenix our office is responsible for such projects as the Banner Children's Hospital currently under construction in Mesa, ASU's Walter Cronkite School of Journalism that just opened this last fall in Phoenix and the soon to start construction Integrated Science and Technology Building (ISTB) IV (Earth and Space Sciences) on the Main Campus at ASU. I am also excited to be working on the Cleveland Clinic Abu Dhabi a 3 million square foot medical complex in that country. ("The only problem is that Specifiers are the last people to get a chance to visit the job site when it finally begins construction").

While in CSI I have served on the Technical Committee on and off through the years and have been responsible for our Phoenix Chapter Judging at the annual Future City Competition for 12 years. I also give presentations on the profession of Architecture at Middle & High Schools throughout the Valley for CSI and the AIA. I am very proud of having received the CSI National Student Liaison Award in 2004. Currently I am the Phoenix Chapter's President Elect and will become President this coming July 1st. I'm looking forward to it but following in the footsteps of such great recent Past Presidents as George Wadding, Ron Geren and Ken 'Aluminum Man' Martinek is going to be a real challenge.

Yours for a Better CSI





PHOENIX CHAPTER CSI
presents their
15TH ANNUAL GOLF TOURNAMENT

- BENEFIT:** Phoenix Chapter Scholarship Fund
- LOCATIONS:** VISTAL GOLF CLUB
701 E. Thunderbird Trail, PHX 602.305.7755
www.vistalgolfclub.com
*** SEE website for directions**
- DATE/TIME:** SATURDAY APRIL 18, 2009 7:30 AM SHOTGUN
- FORMAT:** SHOTGUN START, 4 PERSON SCRAMBLE
Field limited to 100 players. Entry DEADLINE: March 20, 2009
First come, first serve. **Proper golf attire required.**
- FOOD:** "RANCH COOKOUT" HAMBURGERS & CHICKEN *INCLUDED*
- PRIZES:** 1ST & 2ND PLACE – MEN & WOMEN
LONGEST DRIVE – MEN & WOMEN
- Back by Popular Demand!** ONE SHOT HOLE IN ONE: **\$500.00 Cash (MAN OR WOMAN)**
ONE SHOT CLOSEST to PIN: **\$100.00 Cash (MAN OR WOMAN)**
- MULLIGANS:** \$5.00 EACH, OR 6/\$20.00 at Registration Table
- ENTRY FEE:** **\$110.00 Per Player: Included Green Fees, Cart. Surprise and Awards Luncheon. Must be paid at Registration or before.**

BE A SPONSOR!

We would like to recognize last year's Sponsors:

<u>\$1,000 PLATINUM</u>	<u>\$400 GOLD</u>	<u>\$150 SILVER</u>
BAY SYSTEMS	ARCADIA, INC.	BARTON MALOW
BASF	ARMSTRONG WORLD INDUSTRIES	B & B CONSULTING
DAS PRODUCTS	ARCHITECTURAL RESOURCE TEAM	DURAFOAM ROOFING
DC TAYLOR COMPANY	ASSA ABLOY	FOAM EXPERTS ROOFING
SPRAYFOAM SOUTHWEST	DUNN EDWARDS	FRAZEE PAINT
THE WEITZ COMPANY	FIRESTONE BUILDING PRODUCTS	GLAZ-TECH INDUSTRIES
	INGERSOLL RAND SECURITY TECHNOLOGIES	HDR ARCHITECTURE
	NEOGARD	INDEPENDENT ROOFING SOLUTIONS
	NOBLE COMPANY	NATIONAL COATINGS
	SUPERLITE BLOCK	PROFESSIONAL ROOF MANAGEMENT
	TECHNICAL RESOURCE CONSULTANTS	PROGRESSIVE ROOFING
	THE REFERENCE LIBRARY	SALT RIVER MATERIALS
	UNITED COATINGS	SECTION 7 MARKETING
	YOUNG BUILDERS	SOUTHWEST ROOFING CONSULTANTS
		SPECTRA CONSULTING
		WEST DEVELOPMENT GROUP
		WRECORP

15th Annual CSI GOLF TOURNAMENT

SPONSOR & REGISTRATION FORM

On behalf of the Board of Directors of the Phoenix Chapter CSI, THANK YOU! To all of last year's sponsors, players and volunteers! We hear everyone had a good time and we consider the tournament a great success. Benefits to the Chapter/Fund were \$11,000.00! *Great Job!*

1. **SILVER: \$150** – includes a hole sign, your Company Name in any advertising, and recognition at the luncheon following golf. **BONUS: Round of golf for TWO (2) players at a later date!**
2. **GOLD: \$400** – includes all of the above PLUS two rounds of golf (two players). **BONUS: Round of golf for TWO (2) at a later date!**
3. **PLATINUM: \$1000** – includes all of the above PLUS four rounds of golf (four players). **BONUS: Round of golf for FOUR (4) at a later date!**

Please review and complete the REGISTRATION form noting whether you are a Sponsor or Player. Contact **DAVE SPICE** at 480-894-9858 (W) OR 480-213-4534 (M) for any assistance.

Sincerely,

Dave Spice, CSI

REGISTRATION FORM

NAME/S: _____

COMPANY: _____ PHONE: _____ (W) _____ (H)

ADDRESS: _____ CITY: _____ ZIP: _____

SILVER SPONSOR ____ (\$150) GOLD SPONSOR ____ (\$400) PLATINUM ____ (\$1000)

REGISTRATION: SINGLE: ____ TEAM: ____

ENTRY FEE: \$110.00 per Player (MAKE CHECKS TO: PHOENIX CHAPTER CSI)

ENCLOSED: \$ _____

***SEND TO:**

DAVE SPICE, CSI
DAS PRODUCTS
8620 EAST OAK STREET
MESA, AZ 85207

480-894-9858 (W) or 480-213-4534 (M)
or Fax @ 480-838-0821

DATE/TIME: SATURDAY APRIL 18, 2009 7:30 AM SHOTGUN
LOCATION: VISTAL GOLF CLUB (7th Street/South of Baseline) 602-305-7755

USE THIS FORM FOR SPONSORSHIP AND/OR REGISTRATION

THE “GREEN ROOM”



GreenFormat 101

www.greenformat.com

What is GreenFormat?

GreenFormat provides web-based access to green product information for commercial projects. Manufacturers list their products in the database for designers, contractors and facility managers to find. More than 700 products have been listed, and traffic to the website grows daily!

GreenFormat eliminates the need for a manufacturer to respond to numerous product information requests and individual questionnaires. Instead, a manufacturer can direct inquiries to a GreenFormat listing, which includes relevant sustainability information about a product.

GreenFormat also reduces the time designers spend searching for product information. Through GreenFormat, designers can quickly obtain product sustainability information online, and then contact the manufacturer of their choice with information in hand.

How is GreenFormat Structured?

GreenFormat consists of five categories, each containing individual sub-categories of information about the sustainability of the products, and the construction materials and processes used. This flexible structure will adapt to anticipated changes

in the industry. As sustainability issues evolve, new topics and questions will be added to the appropriate category, and existing topics and questions that become obsolete or change will be dropped.

GreenFormat’s structure supports the common methods of specifying with information needed for Reference Standard, Performance, Descriptive and Proprietary specifications. GreenFormat also works in conjunction with MasterFormat and can be applied to all construction products and product categories.

Is GreenFormat A Spec?

No, it is a format for structuring information and a database of product information, searchable by a designer, contractor, or building operator seeking products that may solve a particular problem. Results are downloadable in an editable PDF or Word format, ready for detailing and inclusion in specifications.

Does CSI Validate Product Listings?

GreenFormat does not seek to determine whether a product is green. Instead, using a comprehensive questionnaire, GreenFormat reports the properties of a product, referencing specific industry standards wherever possible, and allowing space at the end of each category for individual manufacturer input.

For more information, visit www.greenformat.com or contact greenformat@csinet.org.

CURMUDGEON'S CORNER

SELECTIVE LOGIC

by Sheldon Wolfe, RA, FCSI, CCS, CCA

prejudice: preconceived judgment or opinion; adverse opinion formed without just grounds or before sufficient knowledge; irrational attitude of hostility directed against an entity or its supposed characteristics

prejudice: preconceived judgment or opinion; adverse opinion formed without just grounds or before sufficient knowledge; irrational attitude of hostility directed against an entity or its supposed

Amid all the furor about "sustainable" design, CSI members as a group appear to be less excited than others. Given the average age of our members, this shouldn't be surprising. While those who are fresh out of school, with little idea of what makes a building work, are caught up in the spirit, those with time in the trenches exhibit a more conservative, skeptical response to the hype.

Most of us in the "elders" group remember when we, too, were taken in by one cause or another. It's not that we are against the principles of green design; we just remember how many well-intended products or programs ended up going awry. We also have seen the same issues raised more than once, with inspiring expressions of commitment to one cause or another, only to see them fade away as interest waned and something else claimed the spotlight.

I recall my enthusiasm for new products and assemblies in the years after I graduated. I recall even more the lessons learned from a naïve acceptance of the claims made by design professionals, manufacturers, industry organizations, and contractors. It seems there always is more to understand than you think.

Take something as simple as a joist hanger. Thirty-some years ago, I was influenced by the then-current energy crisis. I designed homes and buildings that minimized surface area, the intent being to reduce heat loss. Using joist hangers made it possible to keep all the floor framing in one plane, thereby reducing the surface area of the walls by the height of the framing. Not much, but every little bit counts. What I didn't realize was the effect this would have on mechanical and electrical systems. Joists resting on a beam provide space for ducts, pipes, and wiring; joists in the same plane as

the beam force these systems to go out of their way to get past the beam.

At the same time, due to dramatic increases in the cost of oil, many were eager to embrace promising new types of insulation. Foamed-in-place urea-formaldehyde looked good on paper, and performed well when properly installed.

Unfortunately, the ideal mix of components was difficult to achieve, resulting in wet insulation and other problems, and the product and its installers soon disappeared from the market.

That was then, this is now

Not much has changed since then. New products and new goals - especially those that promise to change the world - are seductive and hard to resist. I understand the appeal of cutting edge technology and the desire to design energy-efficient buildings, and I appreciate the threat of oil shortages and the need to conserve energy and resources - but we've seen it before.

Too often, new products and techniques come with unintended consequences. Several years ago, super-insulated, super-tight homes were the rage; they were followed by carbon monoxide poisoning and mold. Sudden interest in the dangers of chromate copper arsenate led to the development of new wood preservatives; only later was it known that the new chemicals caused failure of the galvanized hardware that had worked so well for so long, requiring the use of stainless steel framing accessories.

The results of universal reduction of VOCs are still with us. While most new low-VOC products now perform as well as, or better than, the products they replace, we still don't have a reliable way to keep flooring on the floor. Isn't the environmental impact of replacing floors within a year after installation worse than that of the VOC in a single application of adhesive that works?

In recent years, big business has acquired an undeserved bad reputation, and it has become

(Continued on page 11)

CURMUDGEON'S CORNER

THE MANY FACES OF CSI (cont'd)

(Continued from page 10)

fashionable to disbelieve everything said by a company that produces a product perceived as harmful to the environment. The fact that their products are useful, requested by consumers, and entirely legal is ignored; they are portrayed as companies whose main purpose is pollution. In the end, all products and manufacturing processes damage the environment in some way.

It's human nature to hear what we want to hear, to accept those things that support what we want to

believe, and to dismiss those who disagree with us, but we can't let emotion control our decisions. As members of the construction team, it's our job to question the performance and effects of *everything* that goes into a building - not just those things that are denounced as bad for the environment, but also those things that are promoted as green. Yes, be wary of products that may be excessively harmful, but don't favor other products without knowing how they perform or if they are truly green.

Attend a FREE GreenFormat Webinar!

Designers & Specifiers: Learn how GreenFormat makes product searches quick & easy on Thursday, March 5, from 1-2pm ET [Register now!](#)

Manufacturers: Learn how to list your products on Wed., March 4, from 1-2pm ET. [Register now!](#)

For more information, visit www.greenformat.com or contact greenformat@csinet.org.

CSI & Your Job Hunt

Participation in CSI could give you the edge that gets you the interview, or the job. Go to chapter meetings, join committees, and spend time with CSI -- then remember to talk about it like CSI member Lauren Paulson, CSI, has on [her blog](#).

Looking for Chapter Member Forms on the Internet?

Click the link below to go to the Virtual Chapter Care Package, a One-Stop Place for all your Membership needs!

http://www.csinet.org/s_csi/sec.asp?CID=2413&DID=15536

The Reference Library

The Reference Library conducts regular weekly breakfast and lunch meetings offering a wide range of information on various products and companies in the industry. Breakfast and lunch is provided and there is no charge for the seminars. Check out their website at <http://www.thereferencelibrary.com/main.htm> for more information. The Reference Library is located in Phoenix, Mesa, and Scottsdale.

Phoenix March Lunch Schedule: (Location: 99 E. Virginia Ave., Suite 140, [½ block east of Central] Phoenix, AZ 85004)

March 4: Custom Building Products, Chris Volker, will be presenting “Natural Stone Use and Installation.” This program uses current industry standards for the specification and installation of natural stone tile. Included are performance characteristics, installation methods and maintenance requirements.

March 11: ACI (Arizona Chapter of the American Concrete Institute), Jim Rogers, will present several new updates to the codes and standards that govern concrete design and construction. Get an overview of how these changes may affect your building designs in the future. Learn about which codes have currently been adopted in Arizona and what may happen in the near future.

March 18: McElroy, Ken Woodward, will present “Metal Roofing and the Environment”. Today’s design/build culture has gone green. Metal roofing and metal building products are green. Learn what’s so cool about metal roofing, metal roofings’ life cycle cost advantages, inherent recycled content, energy savings, and how metal roof combined with solar reflective coatings and integrated photovoltaics can help achieve LEED points for your projects.

March 25: Pella, Curtis Foster, will present “Window and Door Solutions for Commercial Success: Balancing Performance, Aesthetics and Budget”. A detailed analysis and comparison of several different window and door product lines available for use in commercial construction. Discussion includes quality considerations, innovative technology, energy efficiency, design flexibility, product performance, exterior finishes, and glass technology and performance.

Mesa March Breakfast Schedule: (Location: Marie Callender’s, 865 S. Dobson, Mesa, AZ)

March 5: Soprema, Bobbi Jo Huskey, will discuss TPO and PVC Single Ply Applications and Products. This seminar will go into the makeup of TPO and PVC products and the type of systems and applications used in the industry today along with product advancements for the future.

March 19: Draper, Kathy Greenway, will explain how motorized shades provide a superior opportunity for energy savings compared to manual shades. She will discuss the proper way to specify shades to meet the needs of the individual and at the same time assist in optimizing total building efficiency.

Scottsdale March Lunch Schedule: (Location: Fox Sports Grille, 16203 N. Scottsdale Rd., Scottsdale, AZ 85254)

March 12: Formica, Kate Cluer, will present “Specifying Solid Surface Materials”, an informative seminar discussing the features and benefits of solid surface materials, the manufacturing process, installation and fabrication information, as well as answering typical questions regarding solid surface products.

March 26: Kolbe and Kolbe, Jim Daniels, will present “Finishing Touches—Enhancements, Options, & Trends for Windows and Doors”, which provides an overview of the current enhancements and options available for specific window and door types, the current options and the benefits from state of the art enhancements for windows and doors, and how these new window and door trends affect the green movement and universal design.

The Reference Library Contact Information:

Phone: 602-258-7499

Fax: 602-297-6613

Jill Anderson (jill@thereferencelibrary.com)

Louise Rehse (louise@thereferencelibrary.com)

NATIONAL CSI NEWS

CSI Offers New Webinar Series on Construction Business Profitability

Online educational sessions address sound business management practices

Register now!

CSI has announced a new Webinar series in March that will address sound business management practices in the construction industry. **Creating and Maintaining Profitability in Your Construction Business** offers guidance on dealing with delays, differing conditions, changes to the work and unauthorized communication on the job site between sub-tier contractors and owners.

The interactive telephone/Internet sessions are scheduled for **2-3:30 p.m. EST on March 5, 12 and 24**. Participants can view materials and ask questions of the instructor in real-time during each of the 90-minute web-based sessions:

- **Thursday, March 5** – This session will discuss the effect of contract language on profitability; how to identify historical risks and address them in the contract; and the risks and rewards of various project delivery systems.
- **Thursday, March 12** – This session will address managing the risks associated with code compliance, specification and industry standards; managing communication and documentation to keep the owner aware of the costs throughout the project; and avoiding confrontation after delivering the final invoice.

Tuesday, March 24 – This final session will cover the latest information on alternative dispute resolution; establishing internal policies regarding dispute negotiations; and transferring costly risks away from your company.

"There are many factors that can affect the profitability of construction contracting businesses," said CSI Executive Director and CEO Walter Marlowe, P.E., CSI, CAE. "This series will address managing some of the most common issues that result in loss of time and production."

A thorough knowledge of the industry and mastery of technical skills are no longer enough to build a successful contracting business. High-quality project management is a critical component to operating a successful business in today's marketplace.

Participants can earn 0.45 CSI CEUs, 4.5 AIA LUs, HSW for completing the entire series. Discounts are available to students (proof of student status is required).

Bill Dexter, a renowned risk management consultant and trainer, will lead the series. He has more than 35 years of experience in the construction industry as a craftsman, business owner, contractor, consultant and educator.

CSI Webinars are designed to be convenient and affordable. One fee covers the registration for all participants at a single site. Participants can register for an individual session, or save money and guarantee a seat by registering for the entire three-part program for one fee.

[Learn more](#), or [register](#) for this series!

NATIONAL CSI NEWS

Webinar: Integrating Specifications and BIM

March 3, 2-3:30pm ET

This webinar will present current methods for integrating BIM and specifications and discuss the specifier's need for data. Representatives of CSI, SCIP and the US Army Corps of Engineers have created an extensive Specifiers Property Information Exchange (SPIE) open-source database, which will be implemented in current BIM software and modeling programs. Representing the contents of 300 MasterFormat specification sections, a copy of the 10,000 line database will be made available to participants. [Learn more](#), or [register now](#).

Webinar: Writing Effective LEED Specifications

March 10, 2-3:30pm ET

This session will provide specific and immediately applicable tools for writing effective LEED specifications -- skills rarely presented in any kind of a straightforward, practical format to the industry. This session will apply the CSI principle of "say it once, say it correctly, and say it in the right place in the documents" to the writing of effective, correct, and easily usable LEED design specifications and documentation. This principle also applies to any sustainable design documentation, whether LEED-compliant or not. Attendees will leave this session with a clear and concise understanding of the essential organization and content issues related to documenting LEED and sustainable construction documentation. [Learn more](#), or [register now](#).

Climate Change + Energy Initiatives Webinar Series

This two-part series presents an overview of climate change influences affecting project specifications. It also reviews Net Zero Energy concepts, including, "climate neutral," "cap and trade," "carbon taxes," "carbon offsets," and "carbon abatement strategies" and how they relate to project documentation. Emerging ISO and ASTM Green House Gas reduction references standards will also be discussed. Session dates are February 24 and March 19. [Learn more](#), or [register now](#).

Webinar Series: Creating & Maintaining Profitability In Your Construction Business

March 5-24, 2009

Speaker Bill Dexter, of W.F. Dexter Risk Management, takes a hard look at every aspect of the management of information and documentation that directly robs productive companies of their hard-earned profits in this three-part series. Starting with the construction contract, he will explore the importance of thorough and detailed agreements between owners and subcontractors. He will look at the considerations given to owners and contractors, as well as the advantages and disadvantages of different delivery systems. Loss of profits often arises from loss of time and production. Dexter will offer sound guidance on dealing with delays, differing conditions, changes to the work, and unauthorized communication on the job site between sub-tier contractors and owners. [Learn more](#), or [register](#) for this series!

Webinar: Writing Effective LEED Specifications

March 10, 2-3:30pm ET

This session will provide specific and immediately applicable tools for writing effective LEED specifications -- skills rarely presented in any kind of a straightforward, practical format to the industry. This session will apply the CSI principle of "say it once, say it correctly, and say it in the right place in the documents" to the writing of effective, correct, and easily usable LEED design specifications and documentation. This principle also applies to any sustainable design documentation, whether LEED-compliant or not. Attendees will leave this session with a clear and concise understanding of the essential organization and content issues related to documenting LEED and sustainable construction documentation. [Learn more](#), or [register now](#).

2009 CSI Phoenix Chapter Imagination Cube Design Competition

Do you have an exciting product worthy of a design competition? The CSI Phoenix Chapter Imagination Cube Design Competition Committee is seeking a Featured Product Sponsor for the **2009 CSI Phoenix Chapter Imagination Cube Design Competition**. If interested, please contact I-Cube Chairman, Tim Garver at 602-714-7280 or tim.garver@dunnedwards.com.

CSI CERTIFICATION NEWS!!

CSI's Certification Program is gearing up for the next round of exams in Spring 2009. Here's the latest news:

Registration is now open for spring CDT & advanced certification exams:

Register now to take the CDT, or an advanced certification exam (CCS, CCCA, CCPR)! The spring testing window for all exams is March 30—April 4, 2009. The final registration deadline is February 28. Register now.

Advanced exams now computer-based: In March 2009 the CDT and advanced certification exams will be offered at Prometric's approximately 400 computer-based test centers throughout North America. Candidates register for exams through CSI. Candidates will receive their scores within minutes of completing an exam.

For more information, go to <http://www.csinet.org/certification>.



southwest BUILD-IT-GREEN EXPO & CONFERENCE

Don't miss it, this is the BIG one!

Presented by:



Sign up by February 1, 2009
and receive the discounted rate of \$700 each (\$1,100 value) when you sign up for both the 2009 and 2010 shows* (10'x10' booth).

Also includes 2 free all day conference tickets (\$200 value).

* 2010 booth cancelable without penalty before July 1, 2009.

For more info visit: www.builditgreenexpo.com
Or contact Tina Robinson: 602-277-6045

Sponsors:

- SRP
- APS
- Adolffson & Peterson Construction
- Green Ideas
- DL Withers
- a.k.a Green
- Pro-Serv Commercial Cleaning
- Smithgroup
- City of Chandler
- Jari King

Partners:

- AIA
- Valley Forward
- BOMA
- IFMA
- ASHRAE
- ABA
- USGBC- AZ Chapter
- Valley Partnership
- SMPS
- City of Scottsdale
- AAED

March 13 & 14, 2009
Phoenix Convention Center
9:00 am- 5:00 pm

BOARD MEETING MINUTES— FEBRUARY 2009

MEETING MINUTES - Board of Directors

GENERAL

DATE: February 12, 2008
 TIME: 4:15 PM
 LOCATION: The Radisson

ATTENDANCE (P = Present; A = Absent)

OFFICERS AND DIRECTORS

President	Ken Martinek	P
President Elect	Jay Norton	A
1st Vice President	Andrea Grum	A
2nd Vice President	Steve Smith	P
Secretary	Mark Yarish	P
Treasurer	Teri Hand	P
Director P 08-10	Brian McClure	P
Director I 08-10	Don Stone	P
Director P 07-09	Jorge Pierson	A
Director I 07-09	Bob Trimble	P
Past President	Ron Geren	P

COMMITTEE CHAIRPERSONS

Programs	Joe Volinsky	A
Membership	Alan Minker	P
Publications	Alex Devereux	A
Education	Joe Volinsky	A
Certification	Ron Geren	P
Technical	Tim Garver	P
Awards	Carlos Murrieta	A
Academic Liaison	Ron Geren	P
Kenn Lockhart Fund	Ron Geren	P
Fundraising	David Spice	P
Imagination Cube	Tim Garver	A

PROCEEDINGS

Meeting Opening: 4:15 PM by Ken Martinek

Adopt Agenda: Motion to accept agenda by Mark, second by Teri. Motion carried.

Minutes of Previous Meeting: Motion to accept November minutes by Teri, second by Mark. Motion carried.

BOARD MEETING MINUTES— FEBRUARY 2009 (CONT'D)

Treasurer's Report:	<p>Previous month's bank statement was provided via e-mail to board. \$6K of income is included as part of the overall budget and should be pursued.</p> <p>Motion to accept report by Mark, second by Bob. Motion carried.</p>
Programs:	<p>The winning Future Cities team will present their design tonight.</p> <p>Kitchen Sink Studios will be presenting their work in 3-D animation techniques tonight.</p> <p>Joe will be meeting at ITT College in Tempe to plan the upcoming BIM program scheduled for March 5th.</p>
Academic Liaison:	No report.
Certification:	CDT training seminar is to be held February 26-28. Ron reported he is expecting 8 participants.
Fundraising:	CSI golf tourney is set for April 18 at Vistal and response from sponsors and registrants has been good so far.
Membership:	Membership is at 189 members.
Technical:	The Technical Committee met on Feb. 10th. Chapter members, Canan D'Avela, Jorge Pierson and Ron Geren, attended the meeting in addition to the "regulars". Dick Bauer present a rough draft of roof designs for review and comment. The committee is trying to wrap-up its Roof Design Resource before moving on to a new subject, The Building Envelope.
I-Cube:	<p>The 2009 I-Cube Featured Product Sponsor is BEMO USA – metal products.</p> <p>Bob Strang, CSI has been invited to our CSI Phoenix Chapter dinner meeting in April to help with the launch of I-Cube 2009. Mark Roddy, AIA has also been invited. Mark is preparing the 2009 I-Cube Call for Entry.</p>
Awards:	<p>As part of the evening program, we will also have Jess Allen Glowacki present his winning 2008 I-Cube design.</p> <p>Application for Chapter Commendation award was not made. Teri's fellowship package is underway.</p>
Kenn Lockhart Foundation:	Ron distributed the scholarship flyer. Application deadline for scholarship will be extended to first part of March.
Publications:	No report

BOARD MEETING MINUTES— FEBRUARY 2009 (CONT'D)

Old Business: No old business was discussed.

New Business: Ron Geren will be the new Regional Secretary.

Teri reported there will be a \$15/member increase in annual Institute dues and proposed to decrease the Chapter dues by \$10 to help offset this increase and explained there would be no net effect to chapter funds due to how the fees are disbursed to the region.

NEXT BOARD MEETING

Wednesday, March 11 at 4:00 P.M. at TRL

NEXT MEMBER MEETING (Luncheon)

Thursday, March 12 at 12:00 P.M. at The Radisson

Adjournment

Certification of Minutes

I certify that the Minutes presented here are a true and accurate representation of the proceedings to the best of my knowledge, information, and belief.

Respectfully presented

Mark V. Yarish, Secretary

END OF MINUTES



PHOENIX CHAPTER MEETINGS 2008/2009

RSVP and Info: 602 258 7499

www.CSIphoenix.org

August 14 2008 (Thursday) Lunch

Architecture, the Expression of the Materials
and Methods of Our Time

September 10 2008 (Wednesday) Dinner

BIM for Building Envelope Design and Performance

October 16 2008 (Thursday) Lunch

Masonry Materials and Methods

November 13 2008 (Thursday) Dinner

Fenestration Materials and Methods

December 11 2008 (Thursday) Dinner

Holiday Experience

January 8 2009 (Thursday) Lunch

Acoustics Materials and Methods

February 12 2009 (Thursday) Dinner

Future Cities Award Presentation

3 - D Animation, Architectural Visualization Materials
and Methods

March 12 2009 (Thursday) Lunch

CSI Experience

Indoor Air Quality Materials and Methods

April 9 2009 (Thursday) Dinner

Imagination Cube

Interior Architecture Materials and Methods

May 14 2009 (Thursday) Lunch

Total Building Commissioning Materials and Methods

June 11 2009 (Thursday) Dinner

Award Experience

Plan ahead for
your next
Phoenix
Chapter
Meeting!



Knowledge for Creating
and Sustaining
the Built Environment

DIRECTORY 2008-2009

Phoenix Chapter

Construction Specifications Institute

OFFICERS AND DIRECTORS:

President	Ken Martinek	602-437-2514	Cell:	kmartinek@arcadiainc.com
President Elect	Jay Norton	602-474-3936	Cell:	jay.norton@hdrinc.com
1 st Vice Pres	Andrea Grum	602-501-7050	Cell:	agrum@aol.com
2 nd Vice Pres	Steve Smith			
Secretary	Mark Yarish	602-257-1764	Cell:	yarish.m@owp.com
Treasurer	Teri Hand	N/A	Cell: 602-418-1268	thand@tnemec.com
Director 06-08(Ind)	Tim Garver	480-736-7126	Cell: 602-714-7280	tgarver@dunn-edwards.net
Director 06-08(Prof)	Steve Smith	602-285-1720	Cell: 602-758-8342	rubbetail@msn.com
Director 07-09	Jorge Pierson	480-941-1440	Cell:	jpierson@kdra.com
Director 07-09	Bob Trimble	480-982-9087	Cell:	rgtrimble@armstrong.com
Past President	Ron Geren	602-569-9645	Cell: 602-791-7016	ron@specsandcodes.com

COMMITTEE CHAIRS:

Academic Affairs	Ron Geren	602-569-9645	Cell:602-791-7016	ron@specsandcodes.com
Awards	Carlos Murrieta	480-991-0800	Cell: 480-544-8000	cmurrieta@sspwarearchitects.com
Certification	Neil Davison	602-906-9605	Cell: 602-999-1095	davisonassociate@cox.net
Education	Joe Volinsky	623-516-8186	Cell: 480-580-1127	fbiaz1@msn.com
Fundraising	David Spice	480-894-9858	Cell: 480-213-4534	dspice@dasproducts.com
Membership	Alan Minker	602-504-2918	Cell: 602-432-5267	aminker@gaf.com
Programs Planning	Angie France	623-606-1130	Cell:	angie.france@sherwin.com
Publications	Alex Devereux	602-437-7554	Cell:	adevereux@itt-tech.edu
Technical	Tim Garver	480-736-7126	Cell: 602-714-7280	tgarver@dunn-edwards.net
Kenn Lockhart Fund	Neil Davison	602-906-9605	Cell: 602-999-1095	davisonassociate@cox.net

CLASSIFIED ADS



RLGA
Technical Services
5902 East Grandview Road
Scottsdale, Arizona 85254

- Specifications
- Building Code Analysis
- Peer Review
- Contract Administration

Ronald L. Geren
AIA, CSI, CCS, CCCA, SCIP
Principal

P: 602.569.9645
F: 602.569.9642
M: 602.791.7016
E: ron@specsandcodes.com
www.specsandcodes.com

orcutt|winslow
ARCHITECTURE
PLANNING
INTERIOR DESIGN

mark
yarish
AIA, CSI

3003 n central ave
sixteenth floor
phoenix az 85012
602 257 1764 t
602 257 9029 f
yarish.m@owp.com

Jay L. Norton
Associate AIA
CSI, SAME, LEED AP
Specifier

3200 East Camelback Road
Suite 250
Phoenix, AZ 85018-2311
www.hdrinc.com
jay.norton@hdrinc.com


HDR

Main (602) 522-7700 Direct (602) 474-3936
Fax (602) 522-7707



KEN MARTINEK, CSI, CDT
Architectural and Business Development


ARCADIA®, INC.
2510 West Geneva Drive • Tempe, AZ 85282
602/437-2514 • Fax: 602/437-2515
www.arcadiainc.com



Hi-Tech Detectable Warnings

Andrea Grum, CSI, CDT
Architectural Division Manager
agram@aol.com

StrongGo Industries LLC
t 866.439.3216 | f 520.547.3515 | m 602.501.7050
3296 E. Hemisphere Loop | Tucson, AZ 85706
www.StrongGo.com

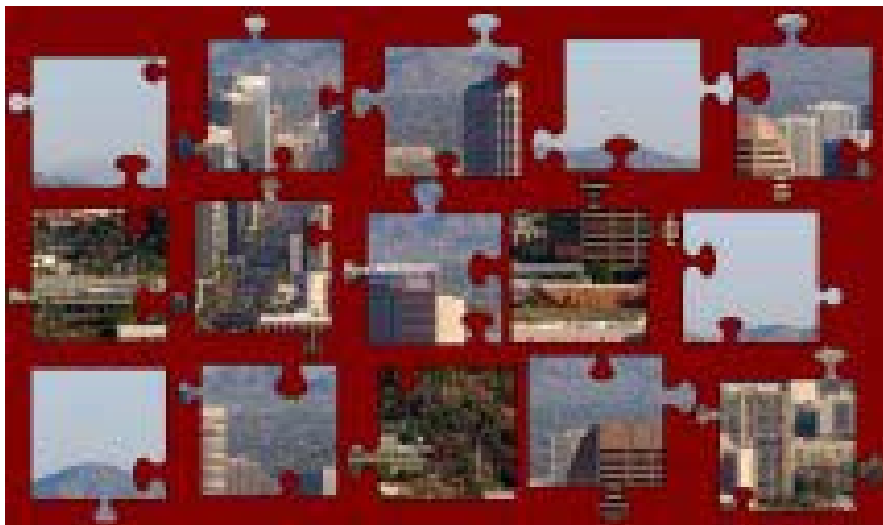
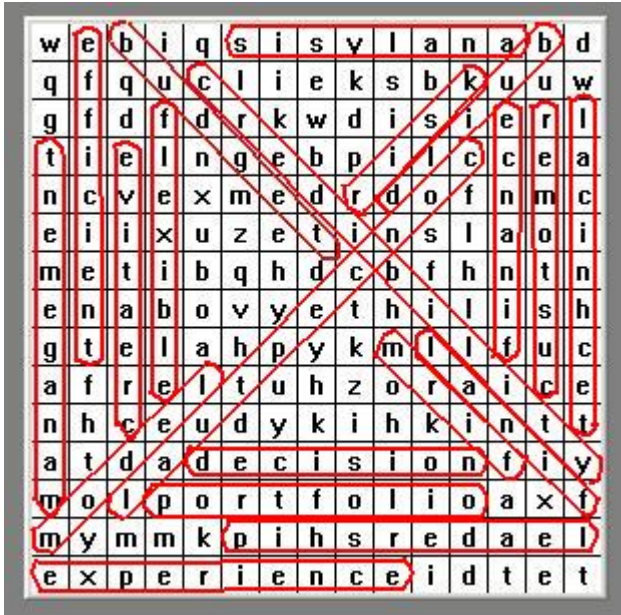


**Interested in advertising in
Cactus Comments?**

**Please contact Alex Devereux
at adevereux@itt-tech.edu.**

HAVE A LITTLE FUN!!

Solution to February's Puzzle



Special Thanks to Tishiane Perto

Answers in March Newsletter

WELCOME TO LAS VEGAS

Pssst...your Vegas is showing...

2009 CSI Southwest Region Conference

mark your calendar...

April 2 – 5, 2009



CONFERENCE and HOTEL ROOMS at the HISTORIC GOLDEN NUGGET

Conference Activities

CSI Chapter Related Programs
Educational Seminars with CEU's available

Spouse/Guest Activities

Guided walking Tour of "Old" Las Vegas

Make plans to attend this exciting and informative conference
Hosted by the Las Vegas Chapter of CSI

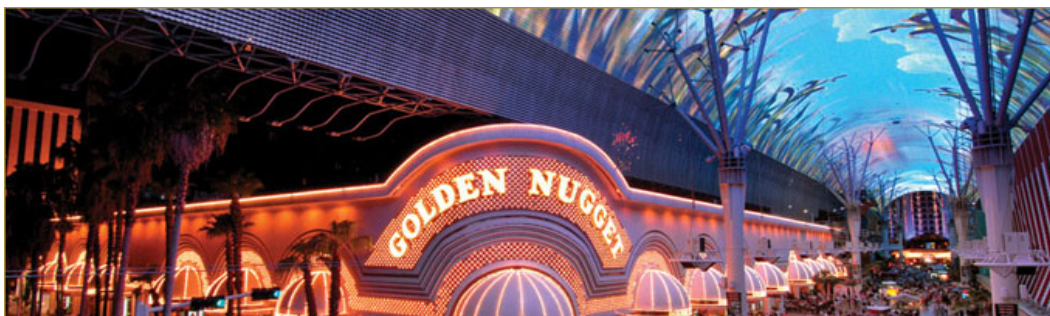


For future information and updates please visit www.csilv.org or contact Joe Morales at jmorales@abbae.com

WELCOME TO LAS VEGAS

2009 CSI SOUTHWEST REGION CONFERENCE

Feeding the Soul



Golden Nugget Hotel & Casino ~ April 2nd – 5th, 2009



THURSDAY, April 2nd

7:00 – 8:00am Registration
 7:30 – 8:00am Continental Breakfast
 8:00 – 11:30am Presidents' Meeting
 12:00 – 1:00pm Presidents' Lunch
 1:30 – 4:30pm Presidents' Meeting
 3:00 – 5:00pm Registration
 5:30pm Welcome Reception
 Hennesey's
 7:00pm President's Dinner

FRIDAY, April 3rd

7:00 – 9:00am Registration
 8:00 – 8:50am **KEYNOTE BREAKFAST**
Speaker: Mayor Oscar Goodman,
 Mayor of Las Vegas
 9:00 – 11:50am **COMMITTEE SESSIONS**
 9:00 – 9:50am - Certification & Education
 10:00 – 10:50am - Membership
 11:00 – 11:50am - Academic Affairs
 12:00 – 1:00pm **TABLE TOP VENDORS**
 - BINGO
 1:00 – 1:50pm **KEYNOTE LUNCH**
Speaker: Dick Rizzo,
 Vice Chairman of Perini Bldg Co
Topic: **Dubai**
 2:00 – 2:50pm **EDUCATIONAL SESSIONS**
 - High Performance Facades
 - Baby Boomer Housing
 3:30 – 5:30pm **TOUR** – LEED Platinum
 - Springs Preserve
 7:00 – 11:00pm Hospitality Room

SATURDAY, April 4th

7:30 – 8:45am Presidents and Region Board
 Breakfast Meeting
 9:00 – 11:50am **COMMITTEE SESSIONS**
 9:00 – 9:50am - Programs & Technical
 10:00 – 10:50am - Publications & Awards
 11:00 – 11:50am - Fundraising & Product Shows
 12:00 – 1:00pm **TABLE TOP VENDORS**
 - Lottery/Lunch
 1:00 – 1:50pm 5 Minute Specing
 2:00 – 2:50pm **EDUCATIONAL SESSIONS**
 - MOB 101
 - LEED 2009
 3:00 – 4:00pm Region Business Meeting
 4:15 – 4:45pm Institute Q & A
 6:00pm **AWARDS BANQUET**
Speaker: Richard Lee
 1st American Title
Topic:
 8:00 – 11:00pm Hospitality Room

SUNDAY, April 5th

9:00 – 10:00am Regional Committee
 Wrap-up Meeting



For more information
 please contact
 Joe Morales
jmorales@abbae.com



2009 CSI SOUTHWEST REGION CONFERENCE

Feeding the Soul

April 2nd - April 5th 2009

Dear Industry Member,

The **2009 CSI Southwest Region Conference** is coming up very soon and we are looking for sponsors to help us make this an event to remember.

Manufacturers, architects, engineers and members can find the various sponsorship levels we are offering and a registration form for sponsorship following.

Remember that in addition to the great networking opportunities that occur at the conference and especially the **5 Minute Specing** on Saturday, your sponsorship will be remembered. During the 5 Minute Specing, table top sponsors will have the unique opportunity to spend 5 minutes introducing and answering questions about their product with Spec Writers, Architects and Facility Managers that will be coming specifically for this segment of the conference.

Sponsorship questions contact:

Gregory Compton

Black & Decker

702-860-2406

gregory.compton@BDHHI.com



2009 CSI SOUTHWEST REGION CONFERENCE

Feeding the Soul

Sponsorship Opportunities

- \$100** *Cocktails for the Soul*
Sponsorship advertised in the SWRC Guide
- \$250** *Appetizers for the Soul*
Sponsorship published in the SWRC Guide, business card size
Sponsorship advertised on CSI Las Vegas Chapter Website
Sponsorship advertised at CSI Las Vegas Chapter Meetings
- \$350** *Soup for the Soul*
Table Top Display for full conference and recognition at a conference session
Sponsorship published in the SWRC Guide, business card size
Sponsorship advertised on CSI Las Vegas Chapter Website
Promotional literature or giveaway item in Registration Packet
- \$500** *Salad for the Soul*
1 Registration for Conference
Table Top Display for full conference and recognition at a conference session
Sponsorship published in the SWRC Guide, business card size
Sponsorship advertised on CSI Las Vegas Chapter Website
Promotional literature or giveaway item in Registration Packet
- \$750** *Aperitif for the Soul*
1 Registration for Conference
Sponsorship includes all 250 level, plus...
Sponsorship recognition at Benefit Show
Promotional literature or giveaway item in Registration Packet
Sponsorship published in SWRC Guide, ½ page inside
- \$1,000** *Filet of Soul*
2 Registrations for Conference
Sponsorship includes all 250 level, plus...
Sponsorship recognition at Keynote Breakfast
Promotional literature or giveaway item in Registration Packet
Sponsorship published in SWRC Guide, full page inside
Table Top Display for full conference and recognition at a conference session
- \$2,000** *Dessert for the Soul*
2 Registrations for Conference
Sponsorship includes all 250 level, plus...
Sponsorship recognition Key Note Lunch
Promotional literature or giveaway item in Registration Packet
Sponsorship published in SWRC Guide, Inside Back Cover
Table Top Display for full conference and recognition at a conference session
- \$3,000** *Cordials for All*
4 Registrations for Conference
Sponsorship includes all 250 level, plus...
Promotional literature or giveaway item in Registration Packet
Sponsorship published in SWRC Guide, Inside Front Cover
Table Top Display for full conference and recognition at a conference session
Four complimentary seats at Awards Banquet with Mayor Oscar Goodman
Sponsorship recognition of Awards Banquet with Mayor Oscar Goodman



**SPONSORSHIP REGISTRATION FORM
2009 CSI SOUTHWEST REGION CONFERENCE**

Feeding the Soul

April 2nd - 5th, 2009

Name _____

Company _____

Address _____

City _____ State _____ Zip _____

Sponsorship Level _____

Amount Enclosed _____

Registration and Payment:

Complete form and fax or mail to
Judith Gordon, CSI LV Treasurer
Steam-Whirl Products
3775 W Teco Ave #5
Las Vegas, NV 89118
Ph: 702-270-2124
Fax: 702-270-6628

**To Pay by Check:
To Pay By Credit Card:**

Make check payable to **LV CHAPTER CSI**

Circle one: Visa M/C Amex

Total Amount: _____

Name on Card: _____

Credit Card #: _____

Expiration Date: _____