MINIMIZING PROFESSIONAL LIABILITY

ROOFING

In this Issue:
MEMBER ON THE MOVE—VICKIE ALLBRITTON MILES
STUDENT SCHOLARSHIP BEING OFFERED
ARCHITECT CLAIMS GO THROUGH THE ROOF
STOP MAKING MISTAKES WHEN SPECIFYING STUCCO

Knowledge for Creating and Sustaining the Built Environment
CHAPTER MEETING

DATE: Wednesday November 6, 2002

PROGRAM: Minimizing Professional Liability with Roofing

PLACE: Mikhail's Northgate Restaurant

TIME: Lunch 11:30

MEAL: $15.00 at the door OR $120.00 paid annually

COST: $100.00 paid annually

BOARD MEETING: Thursday, November 7 @ 5:30

PRESIDENT ELECT

2ND VICE PRESIDENT

SECRETARY

TREASURER

PAST PRESIDENT

CORRECTION: The meal cost should be $15.00 at the door OR $120.00 paid annually.

CALENDAR OF EVENTS

December 14 Christmas Party—Keith West’s house

January 8, 2003 Monthly Meeting—Elevators

February 5, 2003 Monthly Meeting—Southern Pine Council

April 9-13, 2003 Construct America—Chicago, IL

May 16-17, 2003 Gulf States Region Conference—Nashville

SPECULATOR AD RATES

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Quarter Page…….$265/yr Non-Member…..$285/yr
Half Page……….$485/yr Non-Member…..$505/yr
Full Page……….$600/yr Non-Member…..$620/yr
One Page Insert…$200/issue Non-Member…..$220/issue

The Speculator accepts items for publication from members of CSI, and others interested in the construction industry. Articles, Spec-Tips, Comments, suggestions and information for inclusion in the Speculator should be sent to the editor by the Thursday following the Chapter meeting of the month preceding its intended appearance.

Speculator Editor: Jason Horne

c/o G.M. Horne & Company

135 Bounds Street, Jackson, MS 39206

Office (601) 981-1600 Fax 981-1695

Speculator E-mail: editor@mscsi.org
Speculator Online at www.mscsi.org

GULF STATES REGION DIRECTORS

Professional

Kittyx Kiper Rouse, CCS, CCCA, AIA (P) (225)642-0102
Ralph Kiper and Associates (F) (225)642-0102
810 Pecan Drive, St. Gabriel, LA 70776
kityxrouse@cox.net

Industry

Mike Davis, CSI (P) (423)698-8825
Construction and Improvement (F) (423)698-6091
P.O. Box 71865, Chattanooga, TN 37407
E-mail: mdavis@c-i-generalcontractors.com

Gulf States Region Website: http://csi.bricsnet.com/

The Construction Specifications Institute

99 Canal Plaza Center, Suite 300, Alexandria, VA 22314

Tel (703) 684-0300 Fax (703) 684-0465 Tel (800) 689-2900

E-mail: csimail@csinet.org http://www.csinet.org

MISSISSIPPI CHAPTER

OFFICERS For: FY 2001-2002

PRESIDENT

KEITH WEST, CDT

(P)601-982-1601 (F)601-982-1684

1ST VICE PRESIDENT

JOHN DUNAWAY, CCS, AIA

(P)601-948-7337 (F)601-948-7336

SECRETARY

CRAIG PROVINE, CCCA

(P)601-939-8840 (F)601-939-8849

TREASURER

DAVID ALLEN

(P)601-969-2395 (F)601-991-0665

PAST PRESIDENT

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(P)601-939-0516 (F)601-939-0517

INDUSTRY DIRECTORS

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(P)601-939-7171 (F)601-939-8986

Mike Baugh, CDT

(P)601-366-7358 (F)601-981-7889

Mike Harris, CDT

(P)601-939-4141 (F)601-939-4142

COMMITTEE CHAIRS

Education

Lantz Kuykendall, CDT

(P)601-939-7717 (F)601-939-3420

Technical

Position not yet filled.

Membership

Craig Provine, CCCA

(P)601-939-8840 (F)601-939-8849

Programs

John Dunaway, CCS, AIA

(P)601-948-7337 (F)601-948-7336

Awards

Jim Reed, CDT

(P)601-956-9544 (F)601-956-8476

Planning

Sean Dunaway, CDT

(P)601-939-0516 (F)601-939-0517

Publications

John Dunaway, CCS, AIA

(P)601-948-7337 (F)601-948-7336

Liaison/Public Relations

Randall Lewis

(P)601-892-5487 (F)601-924-0409

COMMITTEE CHAIRS

Lantz Kuykendall, CDT

(P)601-939-7717 (F)601-939-3420

Lantz Kuykendall

(P)601-939-7717 (F)601-939-3420

Lantz Kuykendall

(P)601-898-0012 (F)601-898-0099

PRESIDENT ELECT

HAL BRUMFIELD, CDT

(P)601-982-0341 (F)601-982-0342

2ND VICE PRESIDENT

CHUCK BYRD, CDT

(P)601-362-9707 (F)601-362-9774

EDITOR

Jason Horne

(P)601-981-1600 (F)601-981-1695

editor@mscsi.org

PROFESSIONAL DIRECTORS

Daniel Solz

(P)601-981-1616 (F)601-981-2232

Lynton Cooper, FCSI, CCS

(P)601-362-1733 (F)601-362-1733

Lantz Kuykendall, CDT

(P)601-939-7717 (F)601-939-3420

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The November Presentation will be given by Mark Anderson, an architectural consultant with Tremco Roofing. Mark attended the University of Nebraska and has earned degrees in Construction Engineering and Architecture. He has 19 years of experience in construction, 10 years in roofing specifically.

The presentation will be directed toward managing liability and exposure in roofing projects. Areas of interest will include:

1. Utilizing codes - FM guidelines - UL guidelines
2. Proper inspection - Proper analysis of existing conditions (Repair? Restore? Replace?)
   - Job site inspections (Are they important?) (What works best?)
3. Detailing - Proper weathertight detailing
   - Utilizing materials in their best locations

Come join us Wednesday, November 6 at 11:30 for lunch to learn how to minimize your liability with roofing.

Certification is coming up. Early registration deadlines are fast approaching. Please contact Tom Clarke, FCSI, CCPR, CCCA for information regarding the study sessions that will be available for your use. I cannot stress how much certification can help each and every one of us do our job better. Talk to someone who has completed some phase of the certification process, and I think they will confirm this.

I look forward to seeing everyone at the November meeting. Once again, become involved by helping to recruit new members. Also, contact any committee chairman or board member about finding some additional way to help. An organization only provides for those who participate.

Keith West, CDT
The Board of Directors of the Mississippi Chapter of CSI recently adopted a resolution to organize a fund raising effort to sponsor a conference room at the new School of Landscape Architecture to be named in honor of Phil McDade. The following letter from Robert Harrison outlines the importance of this effort and how you can participate. Please help us in this endeavor. If each member of our great chapter contributed just $100 we could easily raise this amount. Get on board with this and let's all do what we can to help.

We are pleased to inform our membership that the Mississippi Chapter Board of Directors desires to honor one it's unique members, Phillip L. McDade, FASLA, FCSI, current president of the Institute. Phil is the first Landscape Architect to hold this office, and probably the only one ever; the first from our chapter, and absolutely the only one ever; and only the second from our five state region, the Gulf States Region. He is a 1974 graduate of MSU Department of Landscape Architecture.

The Mississippi Chapter, CSI, pledges to raise $10,000 over a three year period to name a Seminar Room in the new MSU Landscape Architecture building as follows:

“In honor of Phillip L. McDade, FASLA, FCSI”
by The Mississippi Chapter, The Construction Specifications Institute

We are going to ask as many members as desire to contribute and/or pledge over a three year period as they see fit. This may be a minimum of $25 per year, or a lump sum of $100, or any amount with which a member feels comfortable. For tax purposes, the contributor will give to the MSU Foundation for the Landscape Architecture Building Fund in honor of Phillip L. McDade. We will start our solicitations now and time it for the beginning of each school year in the Fall to end in 2005, which is three years of a pledge, or four payments.

Bob Harrison, FCSI, CCS, FAIA, will serve as the “point man” for the chapter, to receive all contributions, made out to the Foundation, and forwarded to the Foundation. This will be a large paperwork task but we feel we can better control the process and assure the full amount will come in and be properly credited to the chapter and Foundation.

We are honored to be a part of an action that will honor Phil and show all students in Landscape Architecture that one of their own has reached the top and they can also be successful.

Forward all contributions to:
Bob Harrison, FCSI, CCS, FAIA
104 Grey Brant Court
Madison, MS 39110-9693
Checks to be made out to MSU Foundation / L.A. building fund.

For questions call: (601) 898-8789

Vickie Allbritton Miles, CSI, CDT is pleased to announce a new position with DeMoney Tile Co., Inc. as Sales and Marketing Manager. Vickie joined the staff of approximately twenty five professionals employed by DeMoney Tile Co. in September of 2002.

DeMoney Tile Co., Inc., located at 242 Stephens Street, in Ridgeland, MS, was established as a subcontracting firm in 1980 and is owned and operated by Bobby and Vicki DeMoney, natives of Madison County since 1975.

Bobby started in interior finishing in 1973 with a company then known as Dyess Acoustics. He has been an active member of NTCA (National Tile Council of America) since 1980 and is also a member of the National Federation of Independent Businesses as well as the American Subcontractors Association and Associate Member of AGC.

DeMoney Tile Company, Inc. specializes in ceramic tile and natural stone fabrication and installation but also provides the complete interior package including carpet, vinyl composition tile, wood flooring, sheet vinyl, and rubber and vinyl accessories. Projects that have been completed include the Federal Corrections Prison in Yazoo City, the War Memorial Restoration, Veteran’s Monument, Ole Miss Lysium and Vault-Hemingway Stadium. DeMoney Tile Company has worked for all well known General Contractors and has completed work at major universities and hospitals including projects located in Alabama, Louisiana, Georgia, Arkansas, Tennessee and Florida. He is currently actively involved in the Nissan project.

Bobby and Vicki DeMoney have been married for 31 years, have 3 children and 4 grandchildren. They are actively involved in their local church and community and they have traveled to other countries to assist in foreign missions.

Vickie Allbritton Miles is delighted to be working with DeMoney Tile Co., Inc. and looks forward to working with each of you on your next project.

Have you changed jobs recently? Send us information for publication. This is a service to all MSCSI members.

VICKIE MILES, CSI, CDT
Sales & Marketing Mgr.
242 West Stephens St. • Ridgeland, MS 39157
Phone: 601-856-6290 • Mobile: 601-573-4027
Mississippi CSI is pleased to announce the Chapter’s latest program for student participation, the Student Scholastic Competition Award. Students are asked to prepare technical articles on a construction related topic. The length of the article must be approximately 500 words. Topics may include those relating to architecture, interior design, materials, assemblies, safety, and other construction related topics. The papers will be judged by Mississippi Chapter Board members for clarity, objectivity, innovation, correctness, and creativity. To participate in this competition, students must be a junior or senior at a Mississippi university with a construction related major, be a Mississippi Chapter CSI member, and be in good standing with the university with a 3.0 average. The Chapter President must receive entries no later than January 1, 2003. The winning entry will be published in the February issue of the Mississippi Speculator and the $500 cash prize will be presented at the February meeting.

Student membership in CSI is only $20 and Chapter membership is free. Students interested in joining CSI may contact Craig Provine, CCCA at 601-939-8840.

All entries of merit will be published in future issues of the Speculator.

Good luck!

John Dunaway, CSI, CCS, AIA (Publications Chair)

Submit entries to:
Keith West, CDT
P. O. Box 5011
Jackson, MS 39296-5011

INCREASE YOUR VOCABULARY

The architectural and construction industry has terminology distinct from other professions. These are some unusual words you may come across.

**Cant Strip** A three sided piece of wood or fiberboard, one angle of which is square, used under the roofing on a flat roof where the horizontal surface abuts a vertical wall or parapet. The sloped transition facilitates roofing and waterproofing.

**Coping** The protective top member of any vertical construction such as a wall or chimney. A coping may be masonry, metal, or wood, and is usually sloped or beveled to shed water in such a way that it does not run down the vertical face of the wall. Copings often project out from the wall with a drip groove on the underside.

**Coal-tar pitch** A black bituminous material made from the distillation of coal and used as a waterproofing material on built-up roofing and around elements through a roof.

**Cap sheet** The top ply of mineral-coated felt sheet used on a built-up roof.

Note: These definitions were taken from the Means Illustrated Construction Dictionary and may vary slightly from various roofing manufacturer’s definitions.

NEW MEMBERS

Our new Membership Chairman, Craig Provine, has been a busy advocate for CSI. Please help welcome these new members into our chapter:

1. Mr. James H. Wilson, CSI
Wilson Pest Control

2. Mr. Tim McKey, CSI
Superior / Bremermann

3. Mr. Joel Price, CSI
Southeastern Constructors

4. Mr. Bob Brown, CSI
Associated General Contractors

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The following is a list of our guests at the 2002 Membership Meeting. If you get the chance, please give them a personal testimony of your CSI experience and encourage them to join our ranks and our mission.

Paul Wagner  The Garland Company
Charles Hutson  Laws Construction
York Wallace  WG Yates Construction
Doc Satcher  WG Yates Construction
Dorsey Carson  Mockbee Hall & Drake
Page Smith  Canton Sheet Metal & Roofing
Winston Jackson  Innovative Construction
Rodney Burch  Burch Mechanical Contractors
Oscar Tompkins  Tompkins Electrical
Chris Laney  McElroy Ward & Associates
Howard Rice  Benchmark Construction
Rick Anthony  Thrasher Architectural
Rusty Clark  WG Yates Construction
Ted Dearman  WG Yates Construction
Kathy Waren  ASA of Mississippi
Jeremy Dunaway  Adam Evans Waterproofing
Carl Franco  JH&H
Jim Scholtens  Missco Corp
Nelson Creath  Dean & Dean
John Waldrup  Canton Roofing & Sheet Metal
Jim Daniels  Southeastern Constructors
Lewis Ridgway  WG Yates Construction
Joel Radman  WG Yates Construction
Ben Lowery  WG Yates Construction
Perry Richardson  CCD
Bryan Tompkins  Tompkins Electric
Terry Estus  McElroy Ward & Associates
Jason Mcrae  Acoustics Inc
Phillip May  Missco Corp
Ronnie McGehee  Madison County Schools
Scott Booth  McElroy Ward & Associates

The professional panel consisted of (from left to right below): Carl Franco, Johnny Johnson, David Mockbee, (and from below right) Ted Dearman, Ronnie McGehee, and Oscar Tompkins
BOMA of Mississippi is sponsoring a continuing education class on Asbestos Awareness, November 14, 2002 from 9:00 a.m. to 11:00 a.m. in the conference room of 111 E. Capitol Building. The instructor for this two hour c.e. credit course is Dennis McGuffie of M&M Services. The cost for the course, including materials, is only $40.00 per person.

To register to attend, please contact Sherri Mancil by phone 601-969-2420 or email smanc90@Entergy.com

Advanced registration is required and the deadline is 5:00 p.m., Tuesday, November 12th. Checks, made payable to BOMA of MS, can be delivered on the date of the class.

MEMBERSHIP MEETING SPONSORS

The following individuals and companies have provided generous donations to offset our cost for this meeting. Without your support the Mississippi Chapter could not present these types of programs.

THANK YOU!

Malouf Construction
Hubbard-Lawson Building Specialties
Laws Construction Company
Thrasher Architectural Products
ConSteelCo
Capitol Hardware Company
Southeastern Constructors

ALSO-

Thank you to those sitting on the panel:
David Mockbee- Mockbee, Hall, & Drake
Ronnie McGeehee—Madison County Schools
Carl Franco, AIA—JH&H Architects
Ted Dearman—W.G.Yates & Sons Construction
Johnny Johnson—Evan Johnson and Son Const.
Oscar Tompkins—Tompkins Electrical
For architects, designing a watertight roof is a key step to keeping a lid on professional liability claims. That's the conclusion of a study of architect claims conducted by DPIC Companies.

According to DPIC's "Focus on Claims" study of more than 3,700 architectural closed claims between 1989 and 1995, roofs were the single element most often involved in architect's claims. Ten percent of the closed claims involved roof problems, followed by walls (9%), HVAC (7%), and floors (6%).

A closer look at the roofing claims revealed where problems tend to rise:

* Roof venting, flashing and gutters were cited as problems in 50% of the roofing claims studied. In 90% of these types of claims, installation, not design detailing, was the major culprit.

* Construction problems were also mentioned in 48% of the roofing claims. This vividly illustrates the importance of a high-quality roofing contractor in preventing claims against architects.

* Material degradation was listed in 24% of the claims. The use of new, unproven materials and technology was shown to be a significant risk factor.

* Design error was mentioned in 21% of roofing claims against architects. Half of these design-error claims were due to a consultant's error and one-third the result of inadequate documentation or abbreviated design contracts.

* Field changes were a cause in 17% of architect's roofing claims. These changes were typically made by the contractor or a consultant without the knowledge of the architect.

Clearly, problems with design and installation of roof systems are often the result of failed communications, marginal design management, incomplete construction documents and substandard workmanship. Consider the following advice for reducing the chances of your next claim coming through the roof:

Be careful with new products and technologies. Innovative building materials often provide new solutions to the quality, budget and schedule demands of today's faster-better-cheaper marketplace. However, any new product of technology needs to be examined with a very critical eye before recommending it to an owner. Get references from fellow designers who have used the new methods, and ask the manufacturer for test results and/or performance guarantees.

Coordinate the design. Successful roofing designs, like any building component, require a thorough coordination of all the design disciplines involved in the project. Design must take into consideration structural deflections, the size and location of rooftop equipment and all roof penetrations.

Pay attention to details. Designing roof details, such as vents, flashings and gutters, should be left to experienced professionals. Don't scrimp here by putting it in the hands of an inexperienced junior working from standard details.

Conduct a pre-roofing conference. A conference held well in advance of the start of roofing operations is the best opportunity to coordinate design and construction. Review design, shop drawings, submittals and manufacturer's technical materials. If possible include the general contractor, the roofing contractor, the roofing manufacturer, the owner's maintenance foreman and all involved subcontractors and subconsultants. Take advantage of everyone's expertise in designing and installing a watertight lid.

Assure field quality. The pre-roofing conference is an excellent time to clarify the installation documentation required by the construction team and to establish a field observation plan. Review technical specifications in detail to ensure that the critical stages of roof installation are properly observed.

Tom Owens, DPIC Companies

This article, submitted by Bill Bass, was reprinted from the DPIC "Design Professionals Insurance Company" website at www.dpic.com.
By Walt Pruter, CSI, Member Emeritus

Confusing and often contradictory, specifications for lath and Portland cement plaster work have resulted in job delays, unforeseen extra charges and compromised construction on many projects. What caused the ambiguity in the specs, which are intended to supplement and clarify the intent of the architectural drawings - laziness, lack of knowledge, unrealistic deadlines or inadequate compensation, all or individually, have been ascribed as the cause of poor specifications.

REFERENCING OUTDATED STANDARDS

The new model INTERNATIONAL BUILDING CODE and INTERNATIONAL RESIDENTIAL CODE are reference codes in that they use published standards such as ASTM to describe materials and how they should be installed. This is contrary to the UNIFORM BUILDING CODE and CALIFORNIA BUILDING CODE, which prescribe how work is to be done. They might also be called performance codes.

ASTM Standards for materials are often changed every year. Because they are so current, they have replaced many Federal Specifications and American National Standards Institute (ANSI), specifications, which although out of print for over twenty years, are still referenced.

For example:

ANSI A 42.1, Standard Specification for Application of Interior Gypsum Plaster, was replaced in 1976 by ASTM C 842.

ANSI A 42.2, Portland Cement and Portland Cement-Lime Plastering Exterior (Stucco) and Interior, was replaced in 1976 by ASTM C 926

ANSI A 42.3, Lathing and Furring- Portland Cement and Portland Cement-Lime Plaster Exterior (Stucco) and Interior, was replaced by ASTM C 1063 in 1976.

ANSI A 42.4, Standard Specification, Installation of interior Lath and Furring was replaced by ASTM C 841.

These are all standard installation specifications and should be referenced in every job specification requiring more than building code compliant minimum standards. There are also ASTM product specifications to differentiate between products intended for the source use such as expanded metal and wire fabric types of plaster reinforcement. ASTM C 847 is for expanded metal lath; ASTM C 933 for welded wire lath and ASTM C 1032 is for woven wire plaster base. The specification writer would be advised to further call out brand names of products reputed to be of superior quality - providing they are available in the local market. Too many specifications list brand names of products and materials no longer manufactured or not available in the region where the project is located.
repellent compounds may actually retard Portland cement hydration and increase permeability."

Some specification writers don't understand the difference between "moist curing" and "air drying." As a result many cement plaster installations end up insufficiently hydrated. We even see requirements for gypsum plaster to be moist cured, which is totally wrong.

**IRRELEVANT ITEMS**

The office master specification developed by an architectural firm usually contains all the requirements for different plasters to be applied in a variety of ways. This means that the master spec will have requirements for plastering on lath over open framing, plastering over lath with sheathing on the framing, plastering on masonry and monolithic concrete, suspended ceilings and many other conditions.

A particular job specification; however, must be specific to the job at hand and contain only those requirements necessary for the project. This would require that a master spec be revised to eliminate items and requirements not applicable to the job in question. This requires time and effort, and too many architects find it easier to use the office master spec on every job. They assume that this will assure that there will be no overlooked omissions that the architect wants to avoid so that the contractor cannot request a change order extra to provide something that was not included in the contract documents.

Inclusion of irrelevant items is not only undesirable but also costly. Even though a specification requirement cannot be located on the plans, the contractor has to provide an allowance in his bid assuming that it is there somewhere and will be required. This results in over-priced bids and obfuscates the true job requirements.

These are only a few of the "boo boos" that come to mind. A specification writer can have their specs reviewed and critiqued by unbiased technical representatives affiliated with the local wall and ceiling trade association. In Southern California that would be the TECHNICAL SERVICES & INFORMATION BUREAU in Fullerton (Phone: 714/256-1708) and in Northern California the LATH & PLASTER INSTITUTE OF NORTHERN CALIFORNIA (Phone: 925/283-5160).

This article was prepared by Walt Pruter, a Consultant to the TECHNICAL SERVICES & INFORMATION BUREAU and Member Emeritus of CSI. Walt is a long time member of the Orange County and Los Angeles CSI Chapters. Walt's e-mail is wf.pruter@gte.net
KW = Keith West
CP = Craig Provine
SD = Sean Dunaway
DA = David Allen
JD = John Dunaway
MB = Mike Baugh
CB = Chuck Byrd
LK = Lantz Kuykendall
RL = Randall Lewis
JR = Jim Reed
TC = Tom Clarke
LC = Lynton Cooper

KW called meeting to order.
A forum was identified and confirmed.
Meeting agenda was distributed by KW. Members were asked to review minutes from last month’s meeting.
LK: Motion to accept minutes as written.
JR: second.
Show of hands – Motion Approved.

Treasurer’s Report: DA
Income and Expense Report distributed. DA reviewed details of account balances. All bills are paid current. General discussion about the status of the chapter’s CPA firm. Tabled until next board meeting.
LC: Motion to accept as presented.
LK: second.
Show of hands – Motion Approved.

Certification Committee Report: TC
Committee meeting was held Monday September 30. Preliminary schedules of study sessions for the next certification cycle were established.

Education Committee Report: LK
Two of the three seminars for the product show have been determined. Brief discussion of the topics. LK requested input and ideas for the third topic.

Membership Committee Report: CP
CP asked all board members to focus on signing new members at the membership meeting. CP asked several board members to participate with testimonials, all agreed.

Technical Committee Report: no report

Programs Committee Report: JD
All programs are in place through next April, several other prospects for the remainder of the year have been identified. JD indicated any requests for shows should be made ASAP.

Products Show Committee Report: no report

Awards Committee Report: no report

Planning Committee Report: no report

Academic Liaison Committee Report: no report

Community Outreach Committee Report: JD
Donations to the Wingard House were delivered. CSI’s contributions to this worthwhile organization are greatly appreciated. The Chapter DOES make a difference for this deserving group of children.

Publications Committee Report: JD
Speculator for next month is almost full. JD requested a technical article. KW pointed out and re-emphasized that the Technical Committee Chair is still vacant.
LC asked if the Speculator is sent on a regular basis to principals in local A/E firms. JD indicated the Speculator is sent to membership and region directors.

Speculator Editor’s Report: JD
One more advertiser is needed before the new membership roster can go to print.

House Committee Report: CB
Brief discussion on tonight’s meeting. Discussed ways to improve our ability to communicate with all members.

Liaison/Public Relations Committee Report: no report

Old Business: KW
Reviewed the Chapter’s options available to help sponsor a room at the New MSU School of Landscape Architecture.
JD: Motion to organize a fund raising effort to sponsor a room in honor of Institute President, Phil McDade, at The Mississippi State University School of Landscape Architecture.
LK: Second
Show of hands – Motion Approved

New Business: none

Directors’ Comments: None

Meeting Adjourned
MISSISSIPPI CHAPTER CSI - MISSION STATEMENT
“The Mississippi Chapter CSI strives to represent the broadest segment of the Design/Construction Professionals in the State of Mississippi. Through this representation it seeks to speak as a unified voice and act through its programs/activities to positively affect the building process and the State of Mississippi.”