



# The Tool Box

Serving the Electrical, HVAC & Plumbing Industries Since 1912

Volume I, Issue 43 January 12, 2004

## Adequate Soil Testing Means No Surprises During Evacuation By: Tom Frisby

When contractors open up the earth to install a pipeline, spread footing or bang a piling into the ground, they hope they will be lucky and find nothing – or at least nothing that will be an obstacle to construction.

And yet, as often as not, contractors find rock, water or soils that bleed like mercury running across the floor. On a major sewer line and pump station project near Hollywood, for example, a huge excavator was almost swallowed up as the soil seemed to liquefy during excavation.

The problems caused by these “surprises” are significant: Somewhere between 15% and 20% of all successful claims by contractors are due to “differing site conditions,” in which a contractor runs into subsurface conditions that differ from those indicated on the contract and which he did not expect when he bid the job.

How can this happen, when the owner has made the point during the design phase to contract with a soils testing or geophysics firm to do a soils investigation? Briefly, this investigation consists of, in its simplest terms, doing borings into the earth and then classifying the type of soils indicated, such as clay, sands, silt or rock, as well as the presence of water and the “hardness” of materials.

Notice, too, that I said that the *owner*, not the designer, enters into this contract. That’s because designers just do not want that ball. Designers want enough information to assist them in calculating the type of substructure (pilings, spread footings, slab on grade, etc.) to specify and the loads to which the completed structure will be subject. In other words, the sub-surface investigation is largely for the designer to do his job.

So, where do the soils investigations go wrong? Many times, to save a few dollars, sufficient test holes are made for the designer to do his job but are inadequate for the contractor to have a good idea of the construction risks he may face when performing the excavation task.

In the Hollywood incident, the test holes were sparsely spaced, primarily around pump stations and not along the five-mile line that was to be installed. The borings and the resulting soils report therefore did not indicate the possibility of liquification (information that was attainable had the money been spent on sufficient test holes) and the project was delayed over a year while the contractor battled against continuously caving trenches.

The way to prevent this from happening is so simple: Do an adequate pre-bid site investigation.

Most differing site condition claims are preventable by spending the few extra dollars in the design phase to provide adequate information for both the designer and the contractor to calculate their risks. Best practices dictate we reconsider the importance of the pre-bid site investigation and adequately fund it.

Here’s how to factor in that adequate information. When the site location is known, the owner and designer should develop an adequate scope of work that will meet these criteria:

**Provide sufficient information for designing the project.** By project, I mean the structure and the terrain around it, and the utilities that serve it.

**Sufficient investigation that will reveal most of the conditions and hazards that will affect the construction process.** The soils report should contain information relating to underground utilities, shrink and swell factors, characteristics of soil regarding collapsibility and slope failures. Adequate borings should be required to give a good picture of the continuity of subsurface conditions. (Continued on Page 4)

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### MCASC On The Web

www.mcasc.com  
Call the MCASC State Office  
at (803)772-7834 for user-  
name and  
password.

MARK YOUR  
CALENDAR!  
13th Annual  
Swatter-Snagger  
Shagger is to be held  
June 10-13, 2004

MAKE PLANS TO  
ATTEND THE  
WINTER RETREAT

MARCH 11-14, 2004

HILTON  
MYRTLE BEACH  
RESORT

**Mechanical Member:  
Bill Kirkland Heating & Air Conditioning, Inc.**

Bill Kirkland Heating and Air Conditioning was founded by Bill Kirkland in 1989 and became incorporated in 1996. Our business mix is approximately 80% commercial and 20% residential with projects ranging from small unit change-outs to new commercial installations. We currently employ 15 people and our place of business is located at 357 South Avenue in Spartanburg, SC just off Highway 295 (Southport Road). Our classification "by choice" in South Carolina is Group 4 (\$125,000) per job and sets the maximum range we are comfortable with to perform the job efficiently.

Our company offers service, installation and design for practically any type of job with the "in-house" ability to provide stamped drawings for design build projects. We are licensed not only in South Carolina, but in North Carolina and Georgia as well. We have traveled as far as Illinois to assist in specialty projects for Ryan's Family Steakhouse as well as 17 other states. We do not pursue out of state projects unless one of our valued customers require us to do so. However, we do many projects out of Spartanburg and we are not afraid to travel.

Bill Kirkland serves as the company President with a strong background in service and design coming from many years of being employed at W. N. Kirkland Mechanical Contractors, Inc. and 5 years of strictly design experience at Lockwood Greene Engineers in Spartanburg. He holds the mechanical license for the company in South Carolina, North Carolina and Georgia. As you might have figured out, Bill is the son of a MCASC regular and long time member, Mr. Gary Kirkland.

The most recent addition to the company is Joey Neal, P.E.. Joey serves as Vice President of the company and holds a Mechanical Engineering degree from Clemson University. Joey and Bill met while working together at Lockwood Greene. Joey had previously been with Lockwood Greene, Piedmont Mechanical and Robinson Airtech before coming aboard and strengthens the company's potential to provide full design services and project management.

Our goal is to provide professional service and installations to all our customers and be as successful as we can possibly be. We are proud to be a member of this association and will continue to stress the importance of its meaning.

***Bill Kirkland Heating & Air Conditioning, Inc..  
PO Box 1420 , Roebuck , SC 29376-1420  
357 South Avenue, Spartanburg, SC 29306  
Phone: (864) 573-9426 Fax: (864) 573-7186***



***JANUARY BIRTHDAYS***

***Happy Birthday!!***

<b>Alice Gatch</b>	<b>January 3</b>	<b>Gatch Electric</b>	<b>Wife of Jimmy</b>
<b>Kitty Henderson</b>	<b>January 3</b>	<b>Henderson &amp; Associates</b>	<b>Wife of Lewis</b>
<b>Rudy Cullum</b>	<b>January 5</b>	<b>Cullum Mechanical Constr.</b>	
<b>Sam Farley</b>	<b>January 6</b>	<b>American Equipment</b>	
<b>Steve Brewer</b>	<b>January 7</b>	<b>Easley Mechanical</b>	
<b>Carolyn Paul</b>	<b>January 9</b>	<b>Longley Supply Co.</b>	<b>Wife of Sonny</b>
<b>Mary Pat Minor</b>	<b>January 13</b>	<b>G-M Mechanical</b>	<b>Wife of John</b>
<b>Doris Miller</b>	<b>January 15</b>	<b>City Plumbing Co.</b>	<b>Wife of Richard, Sr.</b>
<b>Paul Prevatte</b>	<b>January 17</b>	<b>North Strand Mechanical</b>	
<b>Wyman Sox</b>	<b>January 20</b>	<b>Sox Electric</b>	
<b>Brett Burkett</b>	<b>January 21</b>	<b>Burkett Systems</b>	
<b>Kathy Kirkland</b>	<b>January 21</b>	<b>W. N. Kirkland, Inc.</b>	<b>Wife of Mike</b>
<b>John Bouknight</b>	<b>January 22</b>	<b>Labrador Electric</b>	
<b>Terry Harley</b>	<b>January 23</b>	<b>Metro Electric</b>	<b>Wife of Randy Harley</b>
<b>Susie Heyward</b>	<b>January 25</b>	<b>W. B. Guimarin &amp; Co.</b>	<b>Wife of Carroll</b>
<b>Scott Arledge</b>	<b>January 28</b>	<b>Smith &amp; Stevenson, Inc.</b>	
<b>Bill Self</b>	<b>January 30</b>	<b>Self's Heating &amp; A/C</b>	
<b>Dan Brailsford</b>	<b>January 30</b>	<b>Robinson McFadden &amp; Moore -</b>	<b>MCASC Atty.</b>

**HAPPY BIRTHDAY MEMBERS! WE WOULD LIKE TO ANNOUNCE YOURS!  
PLEASE CALL THE BIRTHDAY HOTLINE AT (803) 772-7834 OR EMAIL TO [mcasc@bellsouth.net](mailto:mcasc@bellsouth.net)**

# PROJECTS FOR BID & BID FORECAST

**MECHANICAL CONTRACTORS ASSOCIATION OF SOUTH CAROLINA**  
 P.O. Box 384, Columbia, South Carolina 29202 · 1504 Morninghill Drive, Columbia, South Carolina 29210  
 PHONE (803)772-7834 · FAX (803)731-0390 · E-MAIL: [mcasc@bellsouth.net](mailto:mcasc@bellsouth.net) WEBSITE: [www.mcasc.com](http://www.mcasc.com)

JOBS TO BE BID THROUGH THE MCASC BID PROCEDURE.  
 ALL MECHANICAL CONTRACTORS WHO ARE NOT MEMBERS OF THIS ASSOCIATION BIDDING ON THESE ADVERTISED JOBS ARE INVITED AND URGED TO UTILIZE THE MCASC BID PROCEDURE PUBLISHED HEREIN.  
 INFORMATION PUBLISHED BY THE MECHANICAL CONTRACTORS ASSOCIATION OF SOUTH CAROLINA

NOTES:

1. ALL JOBS LISTED WITHOUT REFERENCE TO THE MCASC FOUR-HOUR DESIGNATION ARE EITHER ZERO OR TWO-HOUR BID JOBS.
2. ALL ASPECTS OF THE MCASC FOUR-HOUR BID PLAN APPLY TO JOBS DESIGNATED AS EITHER ZERO OR TWO-HOUR JOBS WITH THE EXCEPTION OF TIME & BID PROCEDURE OFFICE/SIGNATORY GENERAL CONTRACTOR INTERFACING.

\*MCASC BID PROCEDURE SIGNATORY GC'S INDICATED WITH "O"

**PIEDMONT AREA**

CHAIRMAN DESIGNATING COMMITTEE  
 DAVID BISHOP  
 TEL: (864) 578-7252 FAX: 578-3419

1. **GREENVILLE** Pelham Rd. Elem. Sch. Constr. IFB 335-552000-C-031-A, Best "Building Equity Sooner for Tomorrow", Owner. Ard, Wood, January 15  
**CM: Institutional Resources, LLC, 225 South Pleasantburg Drive, Ste. B-10, G'ville.** Holcombe & Slate, Inc., G'ville, Archts  
**MANDATORY PREBID CONF: 2:00 PM, Feb. 18, Off. Own.**  
 BIDS DUE MCASC: 3:00 PM GENRL OPEN: 3:00 PM  
 Bidders Include:  
     o Brantley Construction Co., Inc., Charleston Boldt Construction, Augusta, GA  
     Bell Construction, Covington, GA Evergreen Construction, Atlanta, GA  
     Melloul-Blamey Construction, Ltd., Greenville R. W. Allen & Assocs., Inc., Augusta, GA  
     Devere Construction Company, Inc., Alpena, MI Denark Construction, Inc., Knoxville, TN

**NOTE DATE CHANGE**

2. **GREENVILLE CO.** New Grove Elem. Sch. IFB 307-552000-C-020-A, BEST "Building Equity Sooner for Tomorrow", Owner. January 22  
**CM: Institutional Resources, LLC, 225 South Pleasantburg Drive, Ste B-10, Greenville**  
**MANDATORY PREBID CONF: 2:00 PM, Dec. 11, Off. Constr. Mgr.**  
 BIDS DUE MCASC: 3:00 PM GENRL OPEN: 3:00 PM  
 Bidders Include:  
     Melloul-Blamey Construction, Ltd., Greenville R. W. Allen & Assocs., Inc., Augusta, GA
3. **GREENVILLE** Addn. & Renov. Sevier Mid. Sch. IFB 388-552000-C-004-A, Best "Building Equity Sooner for Tomorrow", Owner. McMillan, February 3  
**CM: Institutional Resources, LLC, 225 South Pleasantburg Drive, Ste. B-10, Greenville** Smith and Partners, Spartanburg, Archts.  
 BIDSS DUE MCASC: 3:00 PM GENRL OPEN: 3:00 PM  
 No Bidders Listed:

CHAIRMAN DESIGNATING COMMITTEE

**MIDLANDS AREA**

NO JOBS LISTED

<b>PEE DEE AREA</b>	CHAIRMAN DESIGN, COMMITTEE	PAUL PREVATEE
	WILLIAM L. SELF	G'TOWN HRY & MARION
	TEL: (803) 432-8519 FAX: 432-8519	TEL: (843) 272-4915 FAX: 272-6071
		JIMMY LEE
		FLO, DAR, DIL, C'FLD & M'BORO
		TEL:(843) 669-8243 FAX: 673-0826

NO JOBS LISTED

<b>COASTAL AREA</b>	CHAIRMAN DESIGNATING COMMITTEE
	RON RUNYON
	TEL: (843) 556-*5636 FAX: 763-3091

NO JOBS LISTED

*Do not forget the Website Funding Plan Initial Offering  
 Deadline of January 15<sup>th</sup>, 2004!*

## BID FORECAST

<u>WEEK OF JANUARY 12, 2004– JANUARY 16, 2004</u>						
DAY	JOB NO.	4/HR	LOCATION	NAME	BID DATE	TIME
Thursday	1-4071		Greenville	Pelham Rd. Elem. Sch. Constr.	01/15/04	3:00 PM
<u>WEEK OF JANUARY 19, 2004– JANUARY 23, 2004</u>						
DAY	JOB NO.	4/HR	LOCATION	NAME	BID DATE	TIME
Thursday	1-4072		Greenville Co.	New Grove Elem. Sch.	01/22/04	3:00 PM
<u>WEEK OF FEBRUARY 2, 2004– FEBRUARY 6, 2004</u>						
DAY	JOB NO.	4/HR	LOCATION	NAME	BID DATE	TIME
Monday	1-4073		Greenville	Addn. & Renov. Sevier Mid. Sch.	02/03/04	3:00 PM

## WELCOME NEW MEMBERS

LOVELESS COMMERCIAL CONTRACTING - COLUMBIA - KEN LOVELESS  
 MADDUX SUPPLY CO., - CHARLESTON - MICHAEL MIRANDA  
 MCCORMICK INSULATION & SUPPLY CO., INC. - N. CHARLESTON - MICHAEL SEWELL  
 PALMETTO PROPANE - BATESBURG-LEESVILLE - TODD SHEALY  
 PARKER INSULATION, INC. - CHARLESTON - KEN PARKER  
 RENTAL SERVICE CORPORATION - CHARLESTON - HARRIS HOUSTON  
 RENTAL SERVICE CORPORATION - COLUMBIA - RANDY GRIEBER  
 S & S INSULATION - HARTSVILLE - TIM FERRENCE

### SYMPATHY

**MCASC would like to extend thoughts and prayers to the following families:**

Harry Lee McDowell, (Honorary Life Member) W. O. Blackstone, Columbia

Carl Richardson, Cullum Mechanical Construction, Charleston

John C. Evans, Jr., Evans Engineering Associates, Lexington

### CONCERNS

**MCASC would like to extend thoughts and prayers to the following families:**

Preston (Big Daddy) Mitchell (Tommy Burkett's stepfather/Burkett Systems) at home, Lake Wylie

MAKE PLANS FOR THE 13<sup>th</sup> ANNUAL  
SWATTER - SNAGGER - SHAGGER  
GOLF AND FISHING SCHOLARSHIP  
TOURNAMENT  
JUNE 10, 11, 12, 13, 2004



Hotel Extends Deadline  
Until February 13th  
Due to Weather!!

### Hilton Myrtle Beach Resort

## MCASC Winter Retreat - Hotel Reservation Form

### March 11 - 14, 2004

FAX FORM DIRECTLY TO THE HILTON MYRTLE BEACH RESORT: 843-449-3216 (Fax)

or

CALL THE HILTON MYRTLE BEACH RESORT:

843-449-5000

1-800-445-8667 (Toll Free)

RATE: 89.00 SINGLE  
89.00 DOUBLE

PLUS 10% OCCUPANCY TAX  
(Note: All Rooms Will Be Oceanview)

PLEASE MAKE RESERVATION BY: January 30, 2004 (Extended Until February 13<sup>th</sup>)

Group rate will be honored 3 days pre and post convention dates based on availability. Also group rates honored until above date or until group block is filled, whichever occurs first.

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY/STATE/ZIP \_\_\_\_\_

ARRIVAL DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

DEPARTURE DATE: \_\_\_\_\_

Check-In Time: 4:00pm  
Check-Out Time: 12:00 Noon

SMOKING \_\_\_\_\_ NON-SMOKING \_\_\_\_\_

### **GUARANTEED RESERVATIONS**

Reservation request must be received by 2/13/2004 at 12:00:00 AM. After this date, rooms are subject to availability and regular room rates. If the contracted number of rooms is filled prior to the above date, rooms are again subject to availability and regular room rates, **so please reserve early.**

**CREDIT CARD GUARANTEE: (please circle one)**

M/C    VISA    AMERICAN EXPRESS    DINER'S CLUB    DISCOVER

CARD# \_\_\_\_\_ EXP. DATE: \_\_\_\_\_

**Early Departure Fee of \$50.00 will be applied for checkouts earlier than scheduled date.  
Cancellations must be received seven (7) days prior to arrival for full refund.**

SIGNATURE: \_\_\_\_\_

\* Form may be faxed or returned by mail.

#### HOTEL MAILING ADDRESS

Hilton Myrtle Beach Resort  
10,000 Beach Club Drive  
Myrtle Beach, SC 29572-5304

# MARCH 11 - 14, 2004 – Hilton Myrtle Beach Resort

PLEASE COMPLETE AND FAX THIS PAGE TO THE MCASC STATE OFFICE AT  
(803) 731-0390 BY JAN. 30<sup>TH</sup> (EXTENDED UNTIL FRIDAY, FEB. 13<sup>TH</sup>, 2004).

COMPANY NAME \_\_\_\_\_

I AM REGISTERING \_\_\_\_\_ PEOPLE FROM MY COMPANY FOR THE WINTER RETREAT SCHEDULED MARCH 11-14, 2004. PLEASE LIST ALL NAMES OF THOSE ATTENDING BELOW.

**\*REGISTRATION FEE IS ONLY \$225.00 PER PERSON - MCASC WILL BILL YOU LATER\***

**NOTE: A full refund of MCASC Winter Retreat Registration Fees will be made on cancellations received prior to Friday, January 30, 2004. After that date, only 50% will be refunded up until Friday, February 13, 2004. Substitutions will be allowed.**

PLEASE INDICATE IF YOU PLAN TO PLAY GOLF ON FRIDAY AT ARCADIAN SHORES

GOLF ???

_____	<b>Y N</b>	_____	<b>Y N</b>
_____	<b>Y N</b>	_____	<b>Y N</b>
_____	<b>Y N</b>	_____	<b>Y N</b>
_____	<b>Y N</b>	_____	<b>Y N</b>

## TENTATIVE AGENDA

### *MCASC Winter Retreat, March 11 - 14, 2004* *Hilton Myrtle Beach Resort - Myrtle Beach, South Carolina*

#### **THURSDAY**

4:00 PM – Until Check In (Hilton Myrtle Beach Resort)  
4:00 PM – 12:00 AM Hospitality Suite Open Room 402

#### **FRIDAY**

6:30 AM - 11:00 AM Buffet Breakfast Café Amalfi  
9:00 AM - 12:00 Noon Workshop Palmetto  
12:30 PM Golf: \$57.00 Box Lunch: \$10.75 Arcadian Shores  
FREE AFTERNOON On Your Own  
4:00 PM - 7:00 PM Hospitality Suite Open Room 402  
6:30 PM - 7:00 PM Past Presidents' Meeting Room 402  
7:30 PM Dinner, Fun & Silent Auction Dunes Ballroom  
After Dinner-12:00 AM Hospitality Suite Open Room 402

#### **SATURDAY**

6:30 AM – 11:00 AM Buffet Breakfast Café Amalfi  
9:00 AM – 11:00 AM Workshop Palmetto  
11:00 AM - 12:00 Noon Open Business Meeting West Ballroom  
12:30 PM Lunch Beach Combers  
FREE AFTERNOON On Your Own  
4:00 PM - 6:00 PM Hospitality Suite Open Room 402  
7:00 PM Cocktails The House of Blues  
7:30 PM - 10:00 PM Murder Mystery Dinner Theater The House of Blues  
After Dinner-12:00 AM Hospitality Suite Open Room 402

#### **SUNDAY**

6:30 AM - 11:00 AM Buffet Breakfast Café Amalfi  
12:00 Noon Hotel Check-Out Have a Safe Trip Home

**Associate Member:  
Unitherm, Incorporated.—Columbia**

Unitherm, Incorporated is a major regional merit shop insulation contractor. Our corporate office is located in Charlotte, NC with branch offices in Virginia, North Carolina, South Carolina and Florida. South Carolina is primarily serviced by our office in Columbia. Unitherm is owned entirely by its active employees, who are committed to the success of our company. Unitherm is a leader in the insulation industry in the Southeast.

Unitherm provides material, labor, equipment and supervision to install thermal insulation for pipe, equipment, ductwork, boilers, breaching, chillers, grease duct, tanks and other equipment. Another specialty is Cold Storage facilities. We have been in business since 1975 and have experience with all types of insulation materials and their applications.

Unitherm has completed large, complex, demanding projects as well as routine on-going insulation maintenance activities. Primarily providing insulation services to Plumbing and Mechanical Contractors, our experience includes educational facilities, laboratories, military and government facilities, prisons, hospitals, office buildings and industrial facilities such as power plants, pulp and paper mills and chemical plants. Please visit our website at [www.unitherm1.com](http://www.unitherm1.com) for further information or contact Scott Miner or Bill Johnson in our Columbia office.

***Unitherm, Inc.***

***6904 North Main Street, Suite 106, Columbia, SC 29203***

***Scott Miner, [rsminer@unitherm1.com](mailto:rsminer@unitherm1.com) and/or Bill Johnson, P.E. [wejohnson@unitherm1.com](mailto:wejohnson@unitherm1.com)***

***Phone: (803) 786-0089 Fax: (803) 786-0355***

**Congratulations to our next Associate & Mechanical Members who will be highlighted in the upcoming issue of ‘The Tool Box’:  
Hill Plumbing & Electric Co., - Sumter  
Simpson & Associates—Columbia**

**JANUARY/FEBRUARY 2004 MONTHLY AREA MEETINGS**

**PIEDMONT AREA:**

Tuesday, January 13, 2004 @ 6:00 PM  
Location: Demetre’s Restaurant, Hwy 290, Duncan  
Sponsored By: Hajoca Corporation

**Speaker:** Charles D. Welch, CPCU-CIC-AFSB, Producer with BB&T/CIC, Inc., Greenville to present a program on “Surety Bonding”

**PEE DEE AREA:**

Thursday, January 15, 2004 @ 6:30 PM  
Location: 933 Santiago Drive, Florence.  
Sponsored By: City Plumbing Company

**Speaker:** John Babson, V. President, Commercial Insurance Manager for BB&T/Boyle-Vaughan, will present a program on “Risk Transfer As It Relates to Mechanical Contractors”

**COASTAL AREA:**

Tuesday, January 27, 2004 @ 6:00 PM  
Location: 4225 Piggly Wiggly Drive, Charleston  
Sponsored By: CGI Mechanical (Clontz-Garrison)

**Speaker::** James (Jay) H. Lee, State Dir., Bureau of Apprenticeship & Training, US Dept of Labor, “Values of Registered Apprenticeship and It’s Impact Upon Local, State & National Economy”

**MIDLANDS AREA:**

Thursday, February 5, 2004@ 6:00 PM  
Location: 517 Spring Street, West Columbia  
Sponsored By: Shealy & Sons Electric

**Speaker:** TBA



P.O. Box 384, 29202  
1504 Morninghill Drive, 29210  
Columbia, SC  
Phone: (803) 772-7834  
Fax: (803) 731-0390  
E-mail: [mcasc@bellsouth.net](mailto:mcasc@bellsouth.net)  
[www.mcasc.com](http://www.mcasc.com)

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***Serving mechanical contractors in  
South Carolina since 1912.***

**MCASC Executive Board & Staff**

**Tommy Burkett, President**  
**Ned Forsberg, Vice-President**  
**Darlene McGee, Treasurer**  
**John Minor, Secretary**  
**Billy Starrett, Associate President**  
**Mona Flowers, Managing Director**  
**Carol Fore, Administrative Assistant**

**Mechanicals make it happen -  
Be part of the best!**

**Adequate Soil Testing Means No Surprises During Excavation (Continued from Page 1)**

Ask anyone in the construction industry what our key problems are. At the top of the list is “communication.” Well, communication isn’t just talking. It is information, complete and useful information. The more reliable information that can be developed in the pre-construction phase, the better identification of and management of risks. This is particularly true of site conditions where adding a few dollars in the front end of the project can save thousands during the construction phase.

*Reprinted with permission from the publication Real Estate & Construction of Charleston, Best Practices in Construction—  
Dec. 1-14, 2003 Edition. Lawyer, mediator, author, consultant and educator Tom Frisby has managed  
Charleston-based construction-consulting firm Frisby Consulting for 40 years. He can be reached at [thomasfrisby@msn.com](mailto:thomasfrisby@msn.com).*

**WEBSITE UPDATE**

The MCASC Project Team had a “kick-off” meeting in Columbia on December 17th to align our goals and objectives, identify the respective channels of communication, and formulate a plan to accomplish the task of updating our association website to meet the needs we have identified. The consultant’s contract should be finalized in early January and the project will proceed upon its execution. We plan to have a roll out of the work accomplished to date at our Winter Retreat in Myrtle Beach.

**DO NOT FORGET THE WEBSITE FUNDING PLAN**

**INITIAL OFFERING DEADLINE**

**of JANUARY 15th, 2004!**