



VERMONT CHAPTER
PO Box 64902
Burlington VT 05406



Green Mountain Specifier

May 2003

WE WANT YOU ...

...to make a contribution to the Green Mountain Specifier – ideas, articles, letters, advertising or other relevant material (if you're polite, maybe we'll even take irrelevant material). Contact:

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CSI-S Member Influx VTC Students Join VT Chapter En Masse

On April 17th chapter members, John Gant (a VTC alumnus), Steve Benjamin, Roger Marshall and Jonathan Miller presented CSI to two classes of Professor Brad Miller, PE, CSI, and our Academic Liaison to VTC. Brad asked his students to join CSI and the Vermont Chapter (41 did), taking advantage of both our student open enrollment scholarship and the fact that their first program attended is free, to hop a bus and tour the Renaissance Project. A great and educational time was had by all.

Kudos to MANA director!

It's official! Al Brosseau, CSI has been elected to the *Manufacturers Agents National Association* or *MANA* board of directors. He represents "District 10" which is all members outside the USA. Among the objectives Al has set for himself during his three year mandate are: 1) to have regular MANA's activities, such as seminars, held across Canada and if possible abroad; 2) get a regular page in our magazine "Agency Sales" dedicated to the international members; 3) Bring MANA's International membership to 500.

May 8th Program

The Physics of Metal Roof Design

This presentation will provide a historical overview of metal roofing, as well as an intro to the methods of manufactured standing seam metal roof assemblies, the various materials used to fabricate metal roof systems and the various applications therein.

Specific areas that will be focused upon will include, seam type, method of seaming, comparison of low slope to steep slope design, along with various paint coating applications and design criteria that is necessary in the design for loads and codes. Substructure, framing systems and applications will be reviewed for a comprehensive understanding on how to design and install these systems. Various code approvals and the testing agencies used to design each of the various types of standing seam metal roof systems will be covered.

Finally, a cost comparison demonstrating the actual cost of standing seam metal roofs to other forms of conventional roofs will be reviewed to determine which applications are most cost effective to the owner of the various types of roofs; all forms of conventional roofing will be open for discussion.

Jim Townsend is an active member in the Roof Consultants Institute, Construction Specifications Institute and The National Roofing Contractors Association, with over twenty years experience in roofing, ranging from contracting, forensics and failure analysis, litigation and deposition as well as manufacturing. Currently he is Director of Business Development for Architectural Metal Systems.

THIS MONTH:

MAY 8th PROGRAM

PHYSICS OF METAL ROOF DESIGN

SPEAKER

James R. Townsend, PRC
Architectural Metal Systems

TIME

May 8, 2003 11:30am-2:30pm

LOCATION

Sheraton Burlington
I-89 / Williston Road

SUMMARY

Part of our continuing theme of "Physics" presentations on common building components. After our two seminars on "The Physics of Wall Design" last summer, we have "The Physics of Metal Roof Design": a discussion seminar on how a building's roof plane works (and how it might not work). Topics include types of materials used at the surface, subsurface, insulation, and interior levels; waterproofing & ice protection; venting & air circulation; and more. Make sure to bring your questions and comments.

CREDITS

2 HSW AIA CEU credits

AGENDA

11:30 Registration
11:45 Intro & Speaker
12:45 Lunch Break
1:15 Speaker resumes
2:30 End

COST

CSI & AIA Members: \$25
Non-Members: \$35
Students: \$10
New Members, 1st time FREE

RSVP / QUESTIONS

by noon, Monday, May 5
to Program Chair Jonathan Miller,
CSI, CCS, CCA, AIA, NCARB
campsi@earthlink.net

LAST MONTH:

APRIL PROGRAM

FAHC RENAISSANCE PROJECT Q&A SESSION-LUNCH-SITE TOUR

HOST

Matthew Martin, CSI, Assoc. AIA
Fletcher Allen Health Care

TIME

April 24, 2003; Fletcher Allen HC

SUMMARY

There was a large turnout for the FAHC seminar and tour, due in part to combined classes of VTC students that made the trek up to Burlington. The talk given by senior project manager Matthew Martin, CSI, Assoc. AIA, was an eye-opening glimpse into everyday life in the largest construction project in the state.

We looked at how the project has progressed from concept to defined goals to work scope to design to construction, and got a taste of the value engineering that is the latest stage of the project's evolution.

Coordination is clearly a great challenge on an undertaking this massive. We looked at the systems and software used on the project, then at the long-range phases of the hospital's building plan.

We toured the construction site in small groups, going through the concrete labyrinths of utility tunnels and mechanical rooms as well as the new surgical facilities and the infamous underground parking garage. An up-close look at the tower cranes onsite was interesting too. Some of the most immediately impressive work thus far has revolved around existing structures, with massive retaining walls around excavations, notches taken out of the new building to accommodate existing conditions, etc. The fact that the project is in a busy urban area (at an in-operation hospital, no less) adds another layer of demands.

A few construction pictures of the work underway on p.6

Thanks to Matt Martin, CSI and all our tour guides for this tremendous chance to look into the belly of the beast.

The President's Corner

By Peter D. Morris, RA, CSI, CDT

May Flowers

Some of our student members are graduating and will be entering the work force, others will be available for summer employment. I urge our members and loyal readers to give them special consideration if they apply to work for you.

Scholarship Committee

We are still looking for volunteers to serve on the Scholarship Committee. The Chapter has managed its finances well and been able to set some money aside. It is not a lot, but we would like to further express our support if only in a small way.

We are looking at what other chapters do. That will start the discussion. Who would be eligible? How would the recipient be chosen? Would the course of study be restricted?

This does not require a big-time commitment; most of the meetings will be by e-mail. If you can help, let me know at pm@pmarch.com.

The Chapter Cup

We did not earn the Chapter Cup from the Institute last year. That broke a two-year winning streak. (O.K., even though it was unprecedented, two years in a row is hardly a streak; but allow us some emotion here. Three years would have been a streak. We were ready for the recognition.)

The Chapter Cup is awarded for membership growth. There are actually two cups: one for the greatest number of new members and one for the greatest percentage increase in membership.

A year ago, in this column I was pleading for your help. We needed 17 new members. Although our programs are informative and helpful, our meetings offer a great place to network and membership is a badge of honor (a sign of your commitment to excellence and continuing education), by the end of summer, we were falling short. We needed a legal (by the rules) and audacious plan to boost our membership, a little nitro in the carburetor, so to speak. Plan we did.

Our plan involves supporting student membership: A scholarship to CSI, if you will. We think that is win/win, for CSI and the students. And it looks like we will win/win both of the Chapter Cups (number and percentage) this year. Welcome and Congratulations.



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NEXT MONTH:

JUNE 5th PROGRAM

CHAPTER AWARDS BANQUET

TIME

June 5, 2003; 4:00pm-10:00pm

LOCATION

Basin Harbor Club
Vergennes, Vermont

SUMMARY

Our annual Vermont Chapter Awards Banquet starts out with a boat cruise of Lake Champlain and ends with our Annual Awards Banquet. Good times were had by all last year to the point that Basin Harbor Club was the unanimous choice by the board for our banquet this year !

Come with your significant other and have a great time helping us honor the people and companies that made our last year such a successful one!

COSTS

\$25 per person

RSVP / QUESTIONS

to Program Chair Jonathan Miller at
campsi@earthlink.net

CSI National Convention

by Jonathan Miller, CSI, CCS, CCCA, AIA, NCARB
President Elect John Gant and VT Region

Director Jonathan Miller attended The CSI Show at Construct America at the new McCormick Center in Chicago. This was the first time that CSI held the convention earlier (it used to be in late June) and a first time to co-locate (share space) with another convention The TFM Show. Despite the

poor economy, condition orange and poor showings by other conventions we still managed a respectable overall attendance of 9,600...7,200 CSI and 2,400 TFM. Booths from some manufacturers were noticeably smaller but overall it was a very good show. Jonathan was corralled by LouAnn into being one of the show judges and managed to walk-off a few pounds....(luckily foot and back massages were very inexpensive and available in the McCormick Center.)



At the Friday Awards Banquet John accepted our 3rd consecutive Outstanding Chapter Commendation Award from *CSI President*, Phil McDade and *Institute Awards Chair*, LouAnn Fornataro (NH). John and Jonathan conversed with many CSI dignitaries like *Institute Deputy Director* Tony Keane who had attended our region conference at Basin Harbor Club in October of 2001.

The CSI Annual Meeting and Forum was held Saturday morning where most comments were informative or requests for information (see Jonathan above). The estranged *Los Angeles Chapter* has begun talks with the *West Region* to begin to heal their breach. Next year *The CSI Show* is back in Chicago again.



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How Do You Eat An Elephant?

By Terry Alexander, CSI, CCS, AIA

First Answer: One bite at a time !!

Second Answer: Get some help !!

Those are both great answers. Committee work has often been described as being an elephant sized job. Whether your committee is Membership or not, I hope you can take something from this article that can make your job in committee work easier, simpler or more manageable.

It doesn't matter whether you are the committee chairman, or a committee member who has been given a task. The first order of business in getting your particular elephant ready to eat is to divide it into manageable chunks. Imagine your elephant (task) overlaid with one of those butcher's charts that shows the cuts of meat. Imagine the head and back bone as being the administrative parts of the work. Keeping membership lists. Processing applications. Keeping minutes of committee meetings. Imagine the front legs and fore quarters as being the tasks having to do with membership recruiting. Imagine the back legs and hindquarters

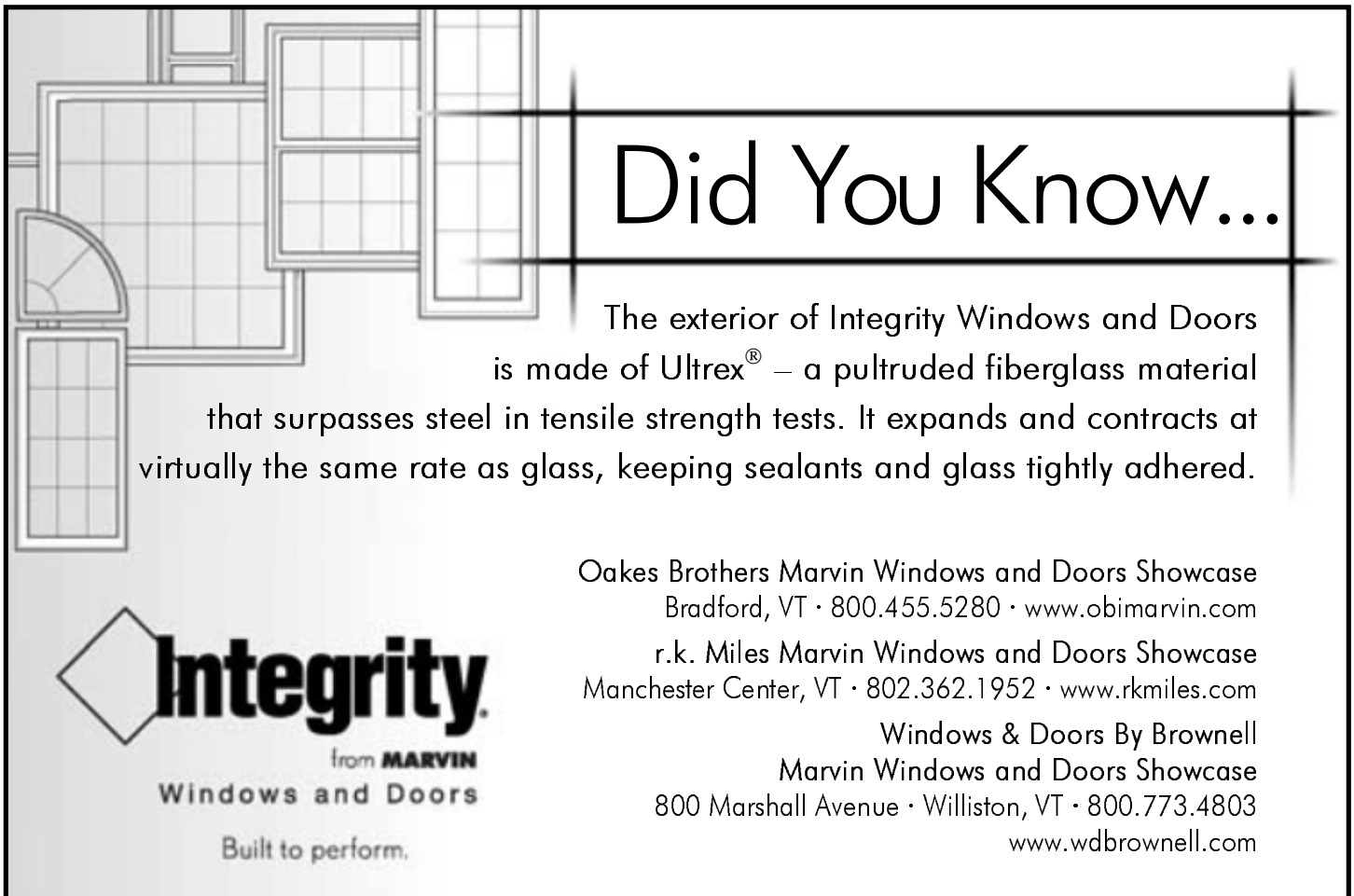
as being the tasks having to do with membership retention.

Got your elephant cut up into pieces small enough to eat? Probably not. For the chairman, this exercise has probably divided the work into plate sized portions. There is still a lot of elephant on the platter. This is where the second answer comes into play. Invite a lot of people to sit at the table with you. Most people are just waiting to be asked. So don't be shy about issuing your invitations. Who can resist the opportunity to dine on elephant? When everyone has a plateful in front of them, you ought to have made a serious dent in your elephant. Don't worry that anyone will go hungry, there is always enough for seconds.

For each of the committee members, divide your plate sized portion into bite sized pieces. Prioritize your pieces. Do you like to eat the juiciest pieces first? Or do you wait to savor them last? Whatever your preference, pick up your fork and start eating, one bite at a time, and before you know it , your plate will be clean; the committee platter will be clean; and you will be asking your Chapter President for another elephant!

Terry Alexander, CSI, CCS, AIA

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