



# AlumiNEWS

PUBLISHED QUARTERLY BY THE ALUMINUM ASSOCIATION OF FLORIDA, INC.

SPRING 2003



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*John DeCosmo*

## President's Message

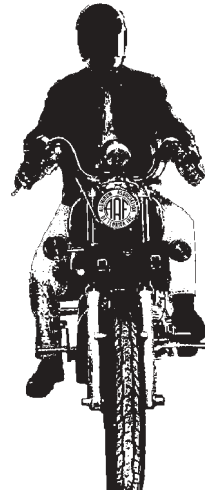
**H**ave you ever taken the kids on vacation, piled them into the back of the car with a lot of luggage, and

headed out on the road? Your mind tends to wander when you're behind the wheel and everyone else in the car has settled down for a nap. You stretch your legs, you check the side mirror and you see it: a brand new, loud, shiny Harley-Davidson pulling up to pass you. It's the stuff that fantasies are made of, right? Well, how would you like to win a brand new, loud, shiny Harley-Davidson with a retail value of \$8,000-for your very own? You can when you attend the 2003 Aluminum Construction & Remodeling Trade Show!

We have ambitious plans for the Association in 2003, and we have a lot of motivated people who are eager to do the work. Giving away a brand new Harley is just one piece of our strategy for making the 2003 Trade Show our biggest show ever. In the next few weeks, you'll receive

complete details on how you can get REVVED UP FOR SUCCESS!

This year's Trade Show will be held August 14-16 at the Caribe Royale Hotel in Orlando. This year our theme is REVVED UP FOR SUCCESS and one lucky person who attends the show on August 16th will go home with a Harley Davidson motorcycle.



**REVVED UP!  
FOR SUCCESS!**

Last year's exhibitors have already received their renewal packets for 2003. This month, we're marketing the show to a broader-than-ever audience of both new exhibitors and potential attendees. AAF members will receive information about the convention earlier than usual. We want you to be sure to make your hotel reservations as early as possible since we anticipate greater interest in this year's event from non-members and first time attendees and exhibitors. Book your room early!

We've got a lot of work ahead of us this year, but the rewards are going to be well worth it. Let's get REVVED UP!



**John DeCosmo**  
2003 AAF President

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Submit your news releases, articles and comments for this publication to the AAF Office, Attn: PUBLICATIONS, 1650 S. Dixie Hwy., Suite 500, Boca Raton FL 33432. Advertising space also is available. Phone 561-362-9019 for current rates and information.

**CHAPTER LOCATIONS**



If you wish to attend a meeting in your area, please refer to the chapter meeting and contact information below:

1. Brevard County Chapter: Second Wednesday of every month. Location varies, 7 pm. Contact Allen Lindsey at 407-254-7851.
  2. Central Florida Chapter (Marion County): Contact Tim Carstens at 352-821-3609.
  3. Citrus County Chapter: Second Tuesday of every month. Location varies, 12 pm. Contact Mike Moberley at 352-795-4226.
  4. Palm Beach Chapter: Fourth Thursday of every month. Location varies, 6 pm. Contact Michael Sonsini at 561-793-6029.
  5. Greater Volusia Chapter: Contact Mike Gardner at 904-677-2677.
  6. Manatee-Sarasota-Charlotte Chapter: First Tuesday of every month. Location varies, 7 pm. Contact Glen Kohlenberg at 941-481-7751.
  7. Mid-Florida Chapter (Orange, Osceola & Seminole Counties): First Thursday of every month. Location varies, 6:30 pm. Contact Wanda Classe at 407-896-1015.
  8. North Central Florida Chapter (Alachua, Bradford, Columbia, Gilchrist & Union Counties): Contact Carl Holmberg at 904-497-1010.
  9. Northeast Florida Chapter (Clay, Duval & St. Johns Counties): Third Wednesday of every month. Jones Groff Aluminum Office, Noon. Contact Jeff Briar at 904-731-5580.
  10. West Coast Chapter (Hillsborough & Pinellas Counties): Third Thursday of every month. Tucson's Restaurant. Contact Jackie Henegar at 727-442-3158.
  11. Southeast Chapter (Broward & Miami-Dade Counties): First Tuesday of every month. Contact Bob Monsour at 305-822-3141.
  12. Southwest Chapter (Collier and Lee Counties): Every other month. Contact Jim Lowndes at 941-332-5999.
  13. Treasure Coast Chapter (Indian River, Martin, Okeechobee & St. Lucie Counties): Third Thursday of the month as announced. Location varies, 6 pm. Contact Sheryl Moore at 772-335-1177.
- UMDA: Contact Roger Oestreich at 941-650-9797.

**Our Mission Statement**

To serve our members with integrity, provide a unified voice in government affairs.  
 Promote the AAF Logo for the standard of excellence in quality that it represents.  
 Work diligently for the benefit of all members.  
 To promote pride in being a member of the AAF.

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- |  |  |
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## Strategic Planning Is Here to Stay For AAF

The Board of Directors last January received a complete report from President John DeCosmo on the results of the several planning sessions held in 2002 and spearheaded by the efforts of our Education Chairman, John Robinson. Mr. DeCosmo announced that a new mission statement had been adopted by the Planners for the AAF and he read it as follows:

"The mission of the AAF is to provide quality service and support to meet the needs of its members to the benefit of the industry they serve."

The Board was also asked to vote on a number of suggested slogans for use with the AAF logo on various printed materials and promotion pieces. The winning slogan was "The New Standard in Construction Excellence". Mr. Robinson also awarded the attendees at these various sessions with certificates of appreciation for their efforts and especially for their time, because all

the meetings were held on Friday evenings and Saturdays.

He also announced that two sessions will be held in 2003 and each year so that the planning process can continue and long range planning can become a key ingredient for the AAF. A full report of this important activity will be included in the next issue of *AlumiNEWS*.

## Last Call for 2003 Dues

If you have not paid your 2003 dues, please do so immediately. The new Roster will be going to press next month, and you don't want to be left out.

Also, the Construction Guide is undergoing revision and members in good standing will be billed at a discounted rate for the 2003 issue. There are numerous and significant changes that will be incorporated in the new edition, and members will be the first to be notified to receive their copy. Like the prior revision, it will simply be inserted into the Guide in place of the 2002 pages. ■

## 2003 COMMITTEE CHAIRMEN

### *Administrative Review*

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### *Ethics*

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# Open, Enclosed, or Partially Enclosed?

By David Miller, Chairman, AAF Technical Committee

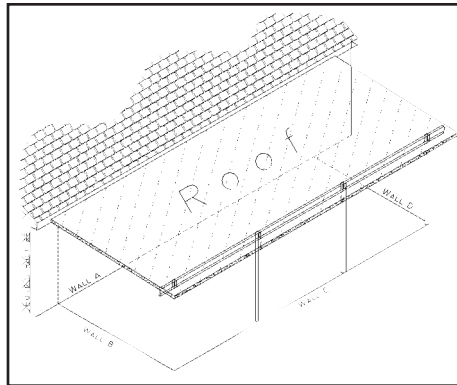
This is a commonly misunderstood code concept and tedious to apply. Three building categories defined in the Florida Code in provision 1606.1.5. The Florida code “borrowed” or replicated these definitions from ASCE7 (article 6.0 Definitions). It is easy to be confused about this because of the common usage or meaning of the words in the definitions. One can and probably should completely disregard any common sense meaning to these terms and think of them as meaning different [internal] pressures.

In the determination of design pressure, both an external and internal pressure must be considered. The determination of a particular design pressure is made from a series of calculations which will yield a base pressure (lbs/sqft) and an external pressure coefficient (known as  $G_{Cp}$ ). The external pressure coefficient will then be added (and since these coefficients can be either positive or negative, they must be added algebraically) to the internal pressure coefficient.

If the building is determined to be “open”, the internal pressure coefficient will be 0 (zero). If the building turns out to be “enclosed”, the internal pressure coefficient (known also as  $G_{Cpi}$ ) will be .18. If and when the building is ‘partially enclosed’, the

internal pressure coefficient is .55. You can see from the difference in these numbers that the building category will make a significant difference in the resulting pressure(s) experienced by the structure.

An “open building” is a structure



with each wall at least 80% open. The example shown, and the focus of this article is a simple cover, attached to a building along its longitudinal dimension. So, consider a 10 by 20 patio cover attached to a house along its 20 ft side (as is most typical). One must imagine that this creates a building envelope, with imaginary walls around the perimeter. This cover cannot be an open structure, because one of its 4 walls (in the building envelope) is 100% closed. Thus, by code, it must be one of the

remaining categories. The code specifies that an “enclosed” building is a building which is neither open nor partially enclosed, that is, an enclosed building is a building which does not qualify as something else! So, is it “partially enclosed”? The decision and determination will be made by a series of mathematical questions. When these computations are done, if we get a bunch of ‘yes’ answers and at least one ‘no’, then the building is not partially enclosed and is then, by default, enclosed.

Here’s the question: Does the total area of openings in a wall that receives wind [force] divided by the openings in the rest of the building envelope (including the roof) exceed 20%? Here’s the example. We will assign letters to the elements of the building envelope and assume a height of 8ft. Wall A is the 20ft attachment to the host ( $8 \times 20 = 160$  sqft). The roof is 10 by 20 (200 sqft). Wall B is the left side (10 by 8, or 80 sqft). Wall C is the outboard (and completely open) imaginary wall parallel to the house wall. Wall D is equal and opposite wall B.

Obviously, when the wind blows from the side, parallel to walls A and C, incident on either wall D or B, this structure will behave as an open building. This is the flow through condition. When the wind blows directly at wall C, wall C is open but wall A is completely closed. That pressure will have to be diverted up and out. This process creates the internal pressure. But, let’s answer the question. The areas of Wall B + Wall D = 160 sqft, these are the openings in the remainder of the building envelope. The sum of the closed areas (wall A + roof) is 360 sqft.  $160/360$  is 44%, which, of course, exceeds 20%. In order for this building to qualify as partially enclosed, this calculation must be 20% or less. Thus, this structure cannot be partially enclosed, and must be classified as enclosed (with an internal pressure coefficient of .18). ■



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**Robert Lemmo** **Bill Martini**

## A Message from 2003 Trade Show Chairman, Mike Moberley

What is metal, rubber, chrome, loud, fast and loads of fun? And, oh, I forgot, free!! Well, it is the Harley-Davidson Motorcycle raffle that involves the give-a-way of an \$8000 2003 883XLH bike to one lucky winner on Saturday afternoon August 16th at 3:00 P.M.

You have to be on the show floor to win and all you need to do to receive one ticket is be 18 years or older and register as an attendee. Moreover, if you are a full registrant, you will receive 5 free tickets for this raffle. Then on Saturday afternoon, we will pull a ticket until a winner comes forward.

The weekend will start with the annual golf scramble tournament on the 14th and end with a spectacular dinner/dance on the 16th. Everything happens at the Caribe Royale Resort, which is an all-suites

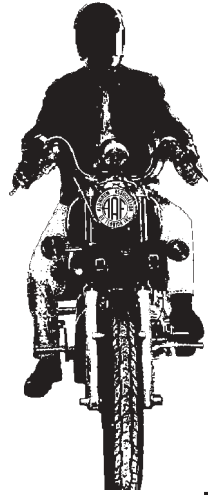
hotel and the AAF has arranged excellent rates for that week-end.

If you ever attended this event, you know that there are always a ton of prizes that are won at the auction on Friday evening, especially if you get lucky at the casino tables and win some of the "funny money" you will need to bid on auction items. Or maybe you will win one of the prizes that will be given away from the floor raffle that will involve prizes to be given away during the hours the show is open. These tickets will be for sale before and during the show.

I want to be sure you consider the best buy for the week-end. That's the full registration for

\$125. This will entitle you to participate in all the events including the brand new VIP Reception that will start when the show closes on Friday evening, the awards breakfast and dinner/dance on Saturday, and will also give you five (5) tickets in the Harley raffle, plus drink tickets for your use at any cash bar. It's a real good deal by any standard.

And remember that you will see some great new products, meet a lot of your old friends and make some new ones. And your family will enjoy a really friendly atmosphere in a lovely hotel. And, of course, if you want to add a day or so on either end of the week-end, it's not a bad place to bring the children!! ■



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# Who is Wendel R. Wendel?

By John Robinson, Chairman, AAF Education Committee

The August 2002 issue of Florida Trend Magazine described the President of Starnet International Corporation of Longwood, Florida as a man who "has stories". He has a story about holing up in a hotel during a coup in Africa. He has a story about working with the CIA to build in Baghdad before Saddam proved to be a rogue. He has a story about dealing with Russian gangsters. Wendel's ticket to all this international intrigue is spaceframe construction - the hub-and-strut metal (Aluminum) frames that bring airiness and geometric dynamism to design.

Starnet International Projects include the inverted pyramid at the new Hard Rock Café Vault museum in Orlando, the dome entrance at the Naples Philharmonic and structures under way at Parrot Jungle on Watson Island in Miami.

Internationally, his company built the dome at Santo Domingo Stadium in the Dominican Republic and a 78-

foot crystal-like star on top of the Al-Faisaliah Foundation building in Saudi Arabia. His best advice: "Get paid almost fully" before your product leaves the country.

These days, he's developed software, TekCAD 2002, that he says will improve dramatically the ability of architects to design - not just draft - on computer.

Wendel's presentation to the Board will take place Saturday morning, April 26th at the Holiday Inn Hotel in Lake Worth. Chapter Presidents have received specific information about the meeting and the special presentation. As you know, AAF board meetings are open to all members, so please feel free to join us. However, if you plan to attend please let your Chapter President or the State Office know in advance so that seating can be arranged and if you wish to participate in the breakfast or lunch that day, there will be a charge for those meals if you are not a board member. ■



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## Goals: Yesterday, Today & Tomorrow

By John Robinson, Chairman Education Committee & Strategic Planning Facilitator

If you want to know what you were thinking, what your attitude was and what you believed in yesterday, just look at where you are today. If you want to know where you will be tomorrow, examine the thoughts, attitudes and beliefs you hold today.

That may sound simplistic, but I think the Executive Committee members who attended the Strategic Planning work sessions can tell you just how far reaching those words are. Having facilitated these sessions for seven months, I know each member wants to see the AAF achieve some very important goals.

### The New Standard

Written goals are a declaration of your intentions. When written down and held in your mind, these intentions feed your subconscious and help drive your dreams and visions. They help you make the right decisions when faced with choices and draw on the intuitive self, almost unknowingly.

I'd like to take this opportunity to share AAF's accomplishments in 2002 and the goals we have set for ourselves in 2003 and beyond. This is your organization, and the level of support and participation that you contribute will determine its success. Get involved! You'll find the process is fun and rewarding.

Someone once said, "You don't have to do a hell of a lot to make something big happen." But you do have to join the team and do something!

### Accomplishments in 2002

- Activated Strategic Planning Process.
- Produced the AAF Design Guide and refined its contents.
- Produced a very successful Trade Show & Convention.
- Initiated an involved Window Committee.
- Signed on 116 Associate members from the Building Officials Association of Florida.
- Implemented a new dues structure to lower fees for smaller companies.
- Improved the relationship with the Executive Director and the administrative offices.
- Had representation in Tallahassee helping with Worker's Comp & Tort Reform resulting in some relief in Worker's Comp cost.
- Revived the inactive Southeast Chapter.
- Initiated the long desired P=S-C course at the Convention.
- Through the efforts of the West Coast Chapter, code changes 233, 234 and 235 were implemented, thus reducing the burden existing in the area of window replacement.

### Goals for 2003 and Beyond

- Revise and complete the AAF Design Guide by November 2003 to be adopted by the FBC by March 2004 and then implement.
- Increase attendance & registration at the Show & Convention in August to 1000 minimum.
- Exceed the 2002 Trade Show revenues by at least 10%.

- Increase number of FULL registered Trade Show attendees in 2003 to 25% greater than 2002.
- Increase the number of Trade Show exhibitors to 25% over 2002.
- Make the Strategic Planning Process a continuous effort of the Executive Committee with two full-day sessions each year in January and July.
- Initiate orientation and training for Chapter Presidents in January of each year beginning with January 2004.
- Initiate regular planned communications with Chapter Presidents. Do this monthly via a teleconference call at 3 p.m. on the last Wednesday of each month.
- Establish a new Public Service Committee chairman by March 31, 2003.
- Review and revise all written publications as necessary by the end of 2003.
- Increase paying members to a level of 1000 by December 2005—a growth goal of over 230%.
- Select a new Governmental Affairs Committee chairman by March 31, 2003.
- Increase UMDA membership a minimum of 25%.
- Broaden the scope of the work covered under the Specialty Structure License by Dec. 2003.

As you can see, there is a place where everyone can help. Get involved and experience the fun! ■

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