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TECHNICAL BULLETIN 2010-12 REGARDING THE USE OF The AAF Guide to Aluminum Construction in High Wind Areas, 2010 Edition [October 3rd, 2012]

With respect to Chapter 1, Screen Enclosures, the use of some components, that is, specific extrusions at outside corners (vertical) and the eave rail (horizontal) of screen enclosures (screen walls with screen roofs), is required by various details in Chapter 1.

The development of these requirements was predicated upon design pressures associated with the now outdated ASCE7-05 (as shown in the 2007 FCB~B Table 2002.4). The new wind pressure regime mandated by (now adopted) ASCE7-10 reduces pressures in many wind [velocity] zones for ASD (nominal) designs. The AAF Guide is entirely predicated upon ASD (Allowable Stress Design).

Accordingly, in order to provide more cost effective designs with no sacrifice in structural integrity, threshold wind zones for details pertaining to the outside corner post and the eave can be changed to include higher wind zones.

Specifically, corner post details shown on page 1-22 (which shows wind zones up to 119 mph), and, the eave rail sections shown on pages 1-27 & 1-28 (as appropriate for wind zones less than 120 mph) can now be used in:

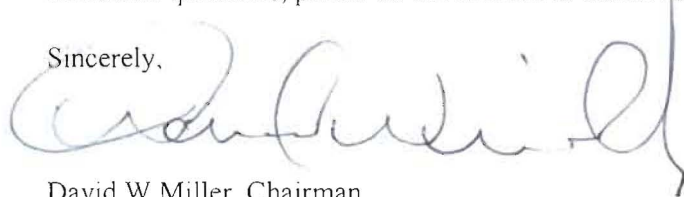
For 20/20 screen mesh: 120 mph & 130 mph, exposure category B only; and, when using 18/14 screen mesh:

1. 110 mph, all exposure categories;
2. 120 mph, for exposure categories B & C inclusive; and,
3. Wind zones 130 mph and 140 mph, exposure category B only.

Please be reminded that a supplement has already been published for updated member sizing based upon the ASD (nominal) design pressures associated with ASCE7-10.

The cooperation of building officials and their departments is appreciated. If you have any additional questions, please do not hesitate to contact me.

Sincerely,



David W Miller, Chairman
Technical Committee

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