

W. W. Schaefer Engineering & Consulting, P.A.

600 Sandtree Drive; Suite 203-B
Palm Beach Gardens, FL 33403
Phone (561)775-4902; Fax (561)775-4903

Orange County Building Department
Attn: Alan Plante

Re: Explanation of load tables on GMI Glass Masonry, Inc. drawings No. 1006 (Non-impact Glass Block Window In Aluminum Frame) & 1007 (Non-impact Glass Block Window In Vinyl Frame).

The load tables are based on rational analysis with respect to the tested window units. The sizes of the windows listed in the tables are restricted by the area of the largest units tested. The loads listed in the tables for varying sizes of windows are derived from analytical window size comparisons based on the area of the windows and the width of the windows (width being the direction of the window of which the reinforcing bars are continuous across the window). Note that area and width are the controlling factors required to be considered for a fixed window unit such as the block windows. Obviously, as a window gets smaller in size than the tested window, it will have a higher allowable design pressure.

Note that where there is no load listed in the load tables for a given window size, that window size is not applicable, is not part of the certification and may not be used without special consideration by a Florida Registered Engineer.

If I can be of further assistance, please call.

Sincerely,



Warren W. Schaefer, P.E.
Florida P.E. No. 44135

OCT 10 2002