



METROPOLITAN DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901
FAX (305) 375-2908

PRODUCT CONTROL SECTION
(305) 375-2902
FAX (305) 372-6339

MEMO

TO: All Building Officials in Miami-Dade County

FROM: Francisco J. Quintana, R.A.
Director

DATE: April 24, 2002

SUBJECT: Roof Wood Truss Wind Loading

This Office recommends the following guidelines to be used in the design of roof wood trusses under wind loading:

Trusses with equal or less than 700 sq. ft tributary area

The members and internal connections design for wind loading shall be based on Component and Cladding factors. The anchorage of these trusses shall be based on Component and Cladding assuming Interior Zone (Zone 1) throughout the entire length of the truss.

Trusses with more than 700 sq. ft tributary area

The member's internal connections and truss anchorage design for wind loading shall be based on Main Wind-Force Resisting factors. Because the top chord receives load directly from the roof sheathing, these elements should also be checked using Component and Cladding factors.

If you have any questions on this matter, please contact Mr. Jaime Eisen, P.E., Code Compliance Officer Structural of my staff at (305) 375-2901.

