



BHAMANI, FORD & ASSOCIATES, INC.
CONSULTING ENGINEERS & PLANNERS

EB0004228

January 12, 2008

Florida Building Commission
c/o Paula Ford, Agency Clerk
Florida Department of Community Affairs
2555 Shumard Oak Drive
Tallahassee, FL. 32399-2100

(PF)
DE 108 - DEC - 005
FILING AND ACKNOWLEDGEMENT
FILED, on this date, with designated
Clerk, receipt of which is hereby
acknowledged.

Paula P. Ford 1/16/08
Paula P. Ford Date
Commission Clerk

Thomas H. Ford RA
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**Re: Petition for Declaratory Statements
from the Florida Building Commission**

**Re: Section 402.2
Ventilation Area Required and
Table 403.3, Required Outdoor Ventilation Air
Florida Building Code
Mechanical**

An interpretation is requested for the following section: 402.2 and Table 403.3 of the Florida Building Code, Mechanical, due to a difference of opinion of a mechanical inspector and me.

1. Section 402.2

My interpretation agrees with the formal interpretation of the International Code Council which states that a storage room that is not air conditioned does not require mechanical ventilation if 4% of the floor area is less than the area of an exterior door to the storage area.

Example: Floor area of storage room is 1250 S.F. x .04 % = 50 S.F.

An over head door is 10' x 16' = 160 S.F.,

therefore no mechanical ventilation to bring outside air to the storage area is required, or no additional louvers in the exterior wall are required because 50.0 S.F. is less than 160 S.F.

Does this comply with the intent of section 402.2?

2. Table 403.3, Required Outdoor Ventilation Air.

The mechanical inspector has stated that Table 403.3 is not intended to be used to calculate the outside air quantities for a space that is not air conditioned. My interpretation as well as the International Code Council is that it can be used for a space that is not air conditioned.

Example: $1250 \text{ S.F.} \times .05 \text{ CFM/S.F.} = 62.5 \text{ CFM.}$

If there are no windows or doors to the outside then mechanical ventilation of 62.5 CFM minimum would be required for this un-air conditioned space.

Does this comply with the intent of Table 403.3?

Sincerely,

Bhamani Ford & Assoc. Inc

Thomas H. Ford RA