RETROFIT WINDOWS AND DOORS

All retrofit doors and windows will need to meet one of the following wind load requirements;

A) a site specific plan, signed and sealed by a Florida Professional Engineer or Architect, indicating the location of all openings and the design pressures.

>>>>>>>>>>>>>>>> OR <<<<<<<<<<<<<<<<

B) a site specific plan (not sealed) indicating the location of the openings and a worst case design pressure chart signed and sealed by a Florida Professional Engineer or Architect.

>>>>>>>>>>>>>>>> OR <<<<<<<<<<<<<<<<

C) a site specific plan (not sealed) indicating the location of the openings and the design pressures based on FBC Table 1606.2(b) AND 1606.2(d) (you must use both tables)

NOTE; These tables apply to retrofit **windows**, **doors** and **shutters** (only) on buildings with a permit application date prior to September 1, 1994 and a maximum mean roof height of less than 30 feet

*** All design pressures are to meet ASCE 7-98 @ 140 MPH, or FBC 1606.2(b) AND 1606.2(d).

*** All doors and windows must meet the impact test requirements of FBC 1626.

*** Existing shutters must meet FBC 2001 edition, or the SFBC 1994 and later editions, with a Product Approval NOA that verifies such compliance.

WIND LOADS PER TABLES 1606.2(b) & 1606.2(d)

Mean roof height	zone 4 & 5 (+)	zone 4 (-)	zone 5 (-) *
1' to 15'	+ 42.7	- 46.2	- 57.2
15' to 20'	+ 45.6	- 49.3	- 60.8
20' to 25'	+ 47.7	- 51.6	- 63.7

* Zone 5 is any opening within the corner distance from any corner.

* Zone 5 is **.4** X MRH **or** **.1** X width, but not less than **3'**.

Provide a building layout with all of the measurements of the building and showing the location and size of all of the windows or doors to be replaced.

If he distance from the opening to the corner is not provided, the worst case scenario will be applied with the Zone 5 pressures.

DO NOT USE A HIGHLIGHTER ON ANY SUBMITTALS

FR/ 5-15-02

A = APPROVED
R = REJECTED

PRODUCT APPROVAL REVIEW FORM

CONTRACTOR_____ LOT_____ BLOCK_____ SUBDIVISION_____ APPLICATION NO._____

	1.	2.	3.	4.	5.	6.	7.	8.	9.
PROBLEM IN COLUMN NUMBER	OPENING LOCATION	PRODUCT ACCEPTANCE NUMBER	PRODUCT APPROVAL DESIGN PRESSURE RATING		PRESSURE RATING REQUIRED FOR SPECIFIC OPENING		MAXIMUM TESTED SIZE	ROUGH OPENING	SHUTTERS REQUIRED Y/N
			(+) PSF	(-) PSF	(+) PSF	(-) PSF			

IDENTIFY OPENINGS ALPHABETICALLY ON ELEVATION SHEETS. IDENTIFY VERTICALLY STACKED GLASS IN THE SAME OPENINGS FROM BOTTOM TO TOP WITH SUB NUMBERS (A, A1, A2, ETC).