



CITY OF PLANTATION BUILDING DEPARTMENT

WINDOW & DOOR DETAIL INFORMATION CHECKLIST & DIRECTIONS

- COMPLETED AND NOTARIZED PERMIT APPLICATION
- COMPLETED PRODUCT APPROVAL REVIEW FORM
- PROVIDE **TWO (2)** COPIES OF ALL MIAMI -DADE COUNTY OR FLORIDA STATE PRODUCT APPROVALS FOR ALL COMPONENTS INCLUDING:
 - WINDOW
 - DOOR
 - MULLION

NOTE: HIGHLIGHT SIZES, RELATED PRESSURES AND GLAZING TYPES

- ALL RETROFIT WINDOWS AND DOORS MUST MEET ONE OF THE FOLLOWING WIND LOAD REQUIREMENTS:
 - TWO (2)** COPIES OF A SITE SPECIFIC PLAN **SIGNED AND SEALED** BY A FLORIDA PROFESSIONAL ENGINEER OR ARCHITECT, INDICATING THE LOCATION OF ALL OPENINGS AND THE DESIGN PRESSURES.
 - TWO (2)** COPIES OF A SITE SPECIFIC PLAN (*Not signed and sealed*) INDICATING THE LOCATION AND **TWO (2)** COPIES OF A **WORST CASE** DESIGN PRESSURE CHART **SIGNED AND SEALED** BY A FLORIDA PROFESSIONAL ENGINEER OR ARCHITECT.
 - TWO (2)** COPIES OF A SITE SPECIFIC PLAN (*Not signed and sealed*) INDICATING THE LOCATION OF THE OPENINGS AND THE DESIGN PRESSURES BASED ON FLORIDA BUILDING CODE TABLE 1606.2 (b) AND TABLE 1606.2 (d) (*See attached table*)

NOTE: FLORIDA BUILDING CODE TABLE 1606.2 (b) AND 1606.2 (d) HAVE BEEN ADOPTED FOR RETROFIT OF DOORS , WINDOWS AND SHUTTERS ONLY ON BUILDINGS WITH A PERMIT APPLICATION PRIOR TO SEPTEMBER 1, 1994 AND IS LIMITED TO BUILDINGS WITH MEAN ROOF HEIGHT OF 30 FEET OR LESS, FOR 140 MPH (3 SEC GUST) EXP. C

- ALL RETROFIT DOORS AND WINDOWS MUST MEET THE IMPACT REQUIREMENT OF FLORIDA BUILDING CODE 1626.
- WINDOW AND DOORS MUST BE IMPACT RESISTANT , **OR**
- A SHUTTER PERMIT WITH REQUIRED PRODUCT APPROVAL MUST ACCOMPANY DOOR AND WINDOW PERMIT , **OR**
- EXISTING SHUTTERS MUST MEET FLORIDA BUILDING CODE 2001 OR SOUTH FLORIDA BUILDING CODE 1994 OR LATER AND BE ACCOMPANIED BY AN EXISTING PERMIT NUMBER.
- PLANS EXAMINER VERIFICATION

DIRECTIONS FOR THE WINDOW & DOOR DETAILED INFORMATION SHEET:

PROVIDE A FLOOR PLAN WHICH SHOWS THE LOCATION OF EACH OPENING. EACH OPENING SHOULD HAVE A NUMBER THAT CORRESPONDS TO THE WINDOW AND DOOR DETAILED INFORMATION SHEET.



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WINDOW & DOOR DETAIL INFORMATION CHECKLIST & DIRECTIONS (continued)

COLUMN 1 – (*Opening #*) THESE NUMBERS SHOULD CORRESPOND TO A FLOOR PLAN (*You must provide*) SHOWING THE LOCATION OF EACH WINDOW AND DOOR OPENING.

COLUMN 2 – (*Window and Door Product Approval #*) PROVIDE THE PRODUCT APPROVAL NUMBER. TYPICALLY FOUND ON PAGE 1 OF THE PRODUCT APPROVAL. EXAMPLE (*01- 0131.02*)

COLUMN 3 & 4 – (*Product Approval Design Pressure Rating*) INDICATE THE POSITIVE AND NEGATIVE DESIGN PRESSURE OBTAINED FROM THE PRODUCT APPROVAL COMPARATIVE ANALYSIS DESIGN PRESSURE CHARTS. (*Located in the Product Approval*)

COLUMN 5 & 6 – (*Pressure Rating Required for Specific Openings*) INDICATE THE POSITIVE AND NEGATIVE DESIGN PRESSURE REQUIRED FOR EACH OPENING.

1. TO OBTAIN THE REQUIRED DESIGN PRESSURE FOR A SPECIFIC OPENING AT A SPECIFIC SITE, UTILIZE ONE OF THE FOLLOWING AND SUBMIT DOCUMENTATION AS INDICATED.
 - a. A SITE SPECIFIC PLAN **SIGNED AND SEALED** BY A FLORIDA PROFESSIONAL ENGINEER OR ARCHITECT, INDICATING THE LOCATION OF ALL RETROFIT OPENINGS AND THE REQUIRED DESIGN PRESSURES.
 - b. A SITE SPECIFIC PLAN (**Not Sealed**) INDICATING THE LOCATION OF ALL RETROFIT OPENINGS ACCOMPANIED BY A **WORST CASE** DESIGN PRESSURE CHART (**Signed and Sealed**) BY A FLORIDA P.E. OR ARCHITECT.
 - c. A SITE SPECIFIC PLAN (**Not Sealed**) INDICATING THE LOCATION OF ALL OPENINGS AND INDICATING THE REQUIRED DESIGN PRESSURES BASED ON FBC TABLE 1609.6 (*b & d*) FBC TABLE R301.2.2 (*2 & 3*) FOR WINDOWS, DOORS, SHUTTERS AND SKYLIGHT. FOR GARAGE DOORS USE TABLE 1609.6e.

NOTE: FBC TABLE 1609.6 (*b & d*) FRC TABLE R301.2.2 (*2 & 3*) AND 1609.6e HAVE BEEN ADOPTED FOR RETROFIT OF WINDOWS, DOORS, SHUTTERS AND SKYLIGHTS (**Only**) ON BUILDINGS WITH A PERMIT APPLICATION DATE **PRECEDING SEPT. 1, 1994*** AND IS LIMITED TO BUILDINGS WITH A ROOF MEAN HEIGHT OF 30 FEET.

2. REQUIRED DESIGN PRESSURE IS REQUIRED TO MEET FBC TABLE 1609.6 (*b & d*) FRC TABLE R301.2.2 (*2 & 3*) OR ASCE-7-02 FOR WINDOWS, DOORS, SHUTTERS AND SKYLIGHTS. GARAGE DOORS USE TABLE 1609.6e.

COLUMN 7 – (*Maximum Tested Size*) FOUND IN THE PRODUCT APPROVAL.

COLUMN 8 – (*Rough Opening Size*) FOUND IN THE PRODUCT APPROVAL

COLUMN 9 – (*Shutters required? Yes / No*) THE REQUIREMENTS FOR AN OPENING TO BE SHUTTERED (*Non-Impact products*)

NOTE: ALL RETROFIT DOORS AND WINDOWS MUST MEET THE IMPACT REQUIREMENTS OF FLORIDA BUILDING CODE 1626. WINDOW AND DOORS MUST BE IMPACT RESISTANT

OR

A SHUTTER PERMIT WITH REQUIRED PRODUCT APPROVAL MUST ACCOMPANY DOOR & WINDOW PERMIT.

OR



CITY OF PLANTATION BUILDING DEPARTMENT

WINDOW & DOOR DETAIL INFORMATION CHECKLIST & DIRECTIONS (continued)

EXISTING SHUTTERS MUST MEET FLORIDA BUILDING CODE 2001 OR SOUTH FLORIDA BUILDING CODE 1994 OR LATER AND BE ACCOMPANIED BY AN EXISTING PERMIT NUMBER.

NOTE: 507.3 REPLACEMENT OF **WINDOWS AND DOORS.**

THE PLACEMENT OF GARAGE DOORS, EXTERIOR DOORS, SKYLIGHTS, OPERATIVE AND INOPERATIVE WINDOWS SHALL BE DESIGNED AND CONSTRUCTED TO COMPLY WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE.

EXCEPTIONS:

OPENING PROTECTION EXCEPTION: FOR ONE AND TWO - FAMILY DWELLINGS CONSTRUCTED UNDER CODES OTHER THAN THE FLORIDA BUILDING CODE AND LOCATED IN WIND-BORNE DEBRIS REGIONS, THE REPLACEMENT OF GARAGE DOORS AND EXTERIOR DOORS WITH GLAZING, SLIDING GLASS DOORS, PATIO DOORS, SKYLIGHTS, OPERABLE AND INOPERABLE WINDOWS WITHIN ANY 12 MONTH PERIOD SHALL NOT BE REQUIRED TO HAVE OPENING PROTECTION BUT SHALL BE DESIGNED FOR WIND PRESSURES FOR ENCLOSED BUILDINGS, PROVIDED THE AGGREGATE AREA OF THE GLAZING IN THE REPLACED COMPONENTS **DOES NOT EXCEED 25 % OF THE AGGREGATE AREA OF THE GLAZED OPENINGS** IN THE DWELLING OR DWELLING UNIT.

EXCEPTION FOR THE HIGH VELOCITY HURRICANE ZONES:

FOR ONE AND TWO-FAMILY DWELLINGS CONSTRUCTED UNDER CODES PRIOR TO SEPTEMBER 1, 1994, THE REPLACEMENT OF EXTERIOR DOORS WITH GLAZING, SLIDING GLASS DOORS, GLASS PATIO DOORS, SKYLIGHTS, OPERABLE AND INOPERABLE WINDOWS WITHIN ANY 12 MONTH PERIOD SHALL NOT BE REQUIRED TO HAVE OPENING PROTECTION PROVIDED THE AGGREGATE AREA OF GLAZING IN THE REPLACED COMPONENTS **DOES NOT EXCEED 25% OF THE AGGREGATE AREA OF THE GLAZED OPENINGS** IN THE DWELLING OR DWELLING UNIT.