



# City of Fort Pierce Building Department

100 N. US 1, Ft. Pierce, FL 34950

(772) 460-2200 ext. 214, 276 (fax) (772) 467-9836

## Design Certification for Wind Load Compliance

This Certification is to be completed by the project design architect or engineer. This Certification must be submitted with all applications for building permit(s) involving the construction of new residences (single or multi-family), residential additions, accessory structures requiring a building permit, and any nonresidential structure. This Certification shall not apply to interior renovations (provided that no structural walls, columns or similar component are being affected) or certain other minor permits. For further assistance please contact the Permit Office at (772) 460-2200, ext. 276, 261 or 214.

Project Name & Address		Office use only this side	
		Permit #	
		Occ. Type	
		Const. Type	

### Certification Statement:

*I certify that, to the best of my knowledge and belief, these plans and specifications have been designed to comply with the applicable structural portion of the building codes currently adopted and enforced by the City of Ft. Pierce. I also certify that structural elements depicted on these plans provide adequate resistance to the wind loads and forces specified by current code provisions.*

### Design Parameters and Assumptions Used: (please check or complete the appropriate box)

- Building Code Edition used (year) \_\_\_\_\_ FBC       ASCE 7-98       Other \_\_\_\_\_
- Building Design is (check one) \_\_\_\_\_ Enclosed      \_\_\_\_\_ Partially Enclosed      \_\_\_\_\_ Open Building
- Mean Roof Height: \_\_\_\_\_ Ft.      Roof Angle: \_\_\_\_\_ E Degrees      Wind Speed Used in Design: \_\_\_\_\_ MPH
- Wind Exposure Classification (Refer to Exposure Tables in ASCE 7): \_\_\_\_\_
- Wind Velocity Pressure (Refer to FBC Tables 1609.4 A,B,C): \_\_\_\_\_ PSF Components and Cladding \_\_\_\_\_ PSF
- Wind Velocity Pressure on Exterior Faces of Structure: Minimum \_\_\_\_\_ PSF ~and~ Peak \_\_\_\_\_ PSF
- Importance / Use Factor (Obtain from FBC Table 1604.5): \_\_\_\_\_
- Height and Exposure Adjustment Coefficient (FBC Table 1609.6 D): \_\_\_\_\_
- Applicable Internal Pressure Coefficients (Table 6-7 ASCE 7): \_\_\_\_\_
- Loads:      Floor: \_\_\_\_\_ PSF      Roof/Dead: \_\_\_\_\_ PSF      Roof/Live: \_\_\_\_\_ PSF
- Were Shear Walls Considered for Structure? (Check one)      \_\_\_Yes      \_\_\_No (If No, attach explanation)
- Is a Continuous Load Path Provided? (Check one)      \_\_\_Yes      \_\_\_No (If No, attach explanation)
- Are Component and Cladding Details Provided? (Check one)      \_\_\_Yes      \_\_\_No (If No, attach explanation)
- Minimum Soil Bearing Pressure: \_\_\_\_\_ PSF

### Design Professional Certification:

*As witnessed by my seal, I hereby certify that the information included with this certification is true and accurate, to the best of my knowledge and belief.*

Name \_\_\_\_\_  
(Check one)    [ ] Architect      [ ] Engineer

Certification No. \_\_\_\_\_

[SEAL HERE]

Design Firm \_\_\_\_\_

Date \_\_\_\_\_