MARTIN COUNTY BUILDING DEPARTMENT
900 SE RUHNKE STREET
STUART, FL 34994
(772) 288-5916
permitting@martin.fl.us
Text: 202-937-0892

MARTIN COUNTY FORM 100

DESIGN CERTIFICATION FOR WIND LOAD

COMPLIANCE BY ARCHITECT OR ENGINEER OF RECORD

PROJECT NAME AND ADDRESS   BUILDING DEPARTMENT USE ONLY

_____   BLDG.PERMIT#_____
                                 OCCUPANCY TYPE_____
_____   CONST. TYPE_____

_____   COMMENTS_____
                                 _____

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 as amended, adopted, and enforced by Martin County Building Department. I also certify that the structural components, systems, and related elements provide adequate resistance to the wind loads and forces specified by the current Code provisions. I hereby accept responsibility for the structural design.

DESIGN PARAMETERS AND ANALYSIS

CODE EDITIONS: **FLORIDA BUILDING CODE 7TH EDITION (2020) CHAPTER 6 OF ASCE 7-1**6

Building Design As: Partially Enclosed _____   Enclosed _____   Open _____
                           Wind Tunnel Test _____

Ultimate Design Wind Speed: (Tables 1609A, 1609B AND 1609C) _____
Nominal Design Wind Speed: (Figure R301.2(4) OR 1609.3.(1))_____
To determine the above wind speeds, click on the following link: http://geoweb.martin.fl.us/info/

Risk Category (Table 1604.5)   I_____II_____III_____IV _____
Wind Importance/UseFactor _____
Internal Pressure Coefficient _____
Garage Door Design Pressure_____+psf (positive)_____-psf (negative)
Door Design Pressure (Int. Zone)_____+psf -psf (End Zone)_____+psf_____-psf
Window Design Pressure (Int. Zone)_____+psf_____-psf (End Zone)_____+psf_____-psf
Exposure _____

Impact Protection (Exterior Openings): Approved Shutters_____Impact ResistantGlass _____

(MUST BE INDICATED ON PERMIT DOCUMENTS FOR ALL RESIDENTIAL/COMMERCIAL BUILDINGS, ALTERATIONS, AND RENOVATIONS)

NOTE: ACTUAL DESIGN PRESSURES FOR ALL EXTERIOR WINDOWS, DOORS, GARAGE DOORS, AND SIMILAR ENVELOPE ELEMENTS MUST ALSO BE INDICATED ON CONSTRUCTION PLANS.

As witnessed by my seal, I hereby certify that the above information is true and correct to the best of my knowledge.
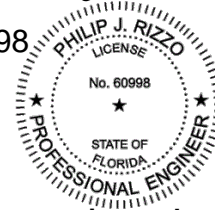
Name:_____Certification FL PE   No: 60998

_____
Date:_____   **SEAL**
Design Firm: _____
Other: _____

This item has been digitally signed and sealed by Philip J. Rizzo using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Rev. 06-21