

## LOCAL TECHNICAL AMENDMENT

### FLORIDA BUILDING CODE 5<sup>th</sup> EDITION (2014) - BUILDING

#### AMEND EXISTING SECTION

##### **1609.3 Determination of Wind Speeds**

**1609.3 Basic wind speed.** The ultimate design wind speed  $V_{ult}$ , in mph, for the determination of the wind loads shall be determined by Figures 1609A, 1609B and 1609C. The ultimate design wind speed,  $V_{ult}$ , for use in the design of Risk Category II buildings and structures shall be obtained from Figure 1609A. The ultimate design wind speed,  $V_{ult}$ , for use in the design of Risk Category III and IV buildings and structures shall be obtained from Figure 1609B. The ultimate design wind speed,  $V_{ult}$ , for use in the design of Risk Category I buildings and structures shall be obtained from Figure 1609C. ~~The exact location of and wind speeds are approved and adopted as follows: All incorporated and unincorporated Pinellas County, Risk Category I – 135 MPH with interpolation permitted as allowed in the Code and ASCE 7-10; Risk Category II – 145 MPH with interpolation permitted as allowed in the Code and ASCE 7-10; Risk Category III & IV – 155 MPH with interpolation permitted as allowed in the Code and ASCE 7-10 lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores wherever possible.~~

In nonhurricane-prone regions, when the ultimate design wind speed,  $V_{ult}$ , is estimated from regional climatic data, the ultimate design wind speed,  $V_{ult}$ , shall be determined in accordance with Section 26.5.3 of ASCE 7.

**Local Conditions and Need:** This amendment defines Pinellas County's basic wind speed designations.

**Fiscal Impact Statement:** This amendment adopts Pinellas County's minimum basic wind speeds. There is no cost impact associated with this amendment.

**Effective Date:** Effective date of Florida Building Code 5<sup>th</sup> Edition (2014) - Building.

This amendment if implemented would not discriminate against materials, products, or construction techniques of demonstrated capabilities.