



Marion County
Board of County Commissioners

Building Safety ♦ Plans Review

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WIND SPEED INFORMATION

Date: 07/01/2015

Re: Wind Zone information for Florida Building Code 5th edition, Section 16 Table 1604.5

RISK CATEGORY I: building and structures should consist of following buildings:

1. Agricultural Facilities
2. Certain Temporary facilities
3. Minor storage facilities
4. Screen enclosures (pool structure, screen in pet area, screen in area with screen roof)

RISK CATEGORY II: building and structures should consist of the following buildings:

1. Residential houses and additional rooms including screen rooms with solid roof
2. Small commercial buildings and structures
3. All other buildings and structures that do not meet specification of Risk Category I, III, IV

Risk Category III and IV:

Section 16

Figure 1609A Ultimate wind design speeds for Category II Buildings and other structures.

- a) N.W. and N.E. Quadrants will be 130 MPH wind speed.
- b) S.W. and S.E. Quadrants will be 140 MPH wind speed.

Figure 1609B Ultimate wind design speeds for Category III Buildings and other structures.

- a) East of the West section line 170 will be 140 MPH wind speed.
- b) West of the West section line 170 will be 150 MPH wind speed.

Figure 1609C Ultimate wind design speeds for Category I Buildings and other structures.

- a) N.W. and N.E. Quadrants will be 120 MPH wind speed.
- b) S.W. and S.E. Quadrants will be 130 MPH wind speed.