

1 Introduced by the Council President at the request of the Mayor:  
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4 **ORDINANCE 2012-214-E**

5 AN ORDINANCE CONCERNING WIND ZONES AND THE  
6 FLORIDA BUILDING CODE; AMENDING SECTION  
7 320.103 (WIND ZONES), PART 1 (ADMINISTRATION;  
8 TITLE, PURPOSE AND SCOPE), CHAPTER 320  
9 (GENERAL PROVISIONS), AND SECTION 321.101  
10 (ADOPTION OF APPENDICES), CHAPTER 320  
11 (ADOPTION OF BUILDING CODE), *ORDINANCE CODE* TO  
12 UPDATE WIND ZONES AND REFERENCES TO THE  
13 FLORIDA BUILDING CODE APPENDICES CONSISTENT  
14 WITH RECENT CHANGES TO THE FLORIDA BUILDING  
15 CODE; PROVIDING AN EFFECTIVE DATE.  
16

17 **BE IT ORDAINED** by the Council of the City of Jacksonville:

18 **Section 1. Section 320.103 (Wind zones) amended.** Section  
19 320.103 (Wind zones), Part 1 (Administration; Title, Purpose and  
20 Scope), Chapter 320 (General Provisions), *Ordinance Code*, is hereby  
21 amended in part as follows:

22 **CHAPTER 320. GENERAL PROVISIONS.**

23 **PART 1. ADMINISTRATION; TITLE, PURPOSE AND SCOPE**

24 \* \* \*

25 **Sec. 320.103. Wind zones.**

26 ~~For purposes of structural design, the location of the 120 mph~~  
27 ~~wind line for the City of Jacksonville shall be as follows:~~  
28 ~~Starting at the intersection of Phillips Highway and the Duval~~  
29 ~~County line at the south, proceed north along Phillips Highway to~~  
30 ~~the intersection of State Road 9A. Proceed north along State Road~~  
31 ~~9A to the intersection of J. Turner Butler Boulevard. Proceed east~~

1 ~~along J. Turner Butler Boulevard to a point 4,115 feet east of the~~  
2 ~~midpoint of the intersection of State Road 9A and J. Turner Butler~~  
3 ~~Boulevard. Proceed northerly to the southern terminus of Regent~~  
4 ~~Boulevard. Proceed north along Regent Boulevard to the intersection~~  
5 ~~of Central Parkway. Proceed north along Central Parkway to the~~  
6 ~~intersection of Beach Boulevard/U.S. 90. Proceed west along Beach~~  
7 ~~Boulevard/U.S. 90 to the intersection of State Road 9A. Proceed~~  
8 ~~north along 9A to Yellow Bluff Road. Proceed north along Yellow~~  
9 ~~Bluff Road to Highway 17. Proceed north along Highway 17 to the~~  
10 ~~Duval County line. All structures located east of this line shall~~  
11 ~~be considered in the Wind-Borne Debris Region as defined by the~~  
12 ~~Florida Building Code. All structures west of this line shall be~~  
13 ~~designed for 119 mph three-second gust.~~

14 The Florida Building Code specifies three different Risk  
15 Categories of structures for Ultimate Design Wind Speed and  
16 provides a different wind speed map for each category. The Florida  
17 Building Code also requires each municipality to set the location  
18 of the wind speed demarcation lines by ordinance using recognizable  
19 physical landmarks. At the south end of Duval County, the  
20 demarcation line shall start in the middle of the St. Johns River  
21 at the south end of Duval County, run north up the center of the  
22 St. Johns River to the intersection of the St. Johns River and  
23 Interstate 95 on the Fuller Warren Bridge, then proceed north along  
24 Interstate 95 to the northern Duval County line.

25  
26 For Risk Category I structures as set forth in the Florida Building  
27 Code, the wind speed west of the demarcation line shall be 115  
28 miles per hour and east of the demarcation line 120 miles per hour.

29  
30 For Risk Category II structures as set forth in the Florida  
31 Building Code, the wind speed west of the demarcation line shall be

1 125 miles per hour and east of the demarcation line 130 miles per  
2 hour.

3  
4 For Risk Category III and Risk Category IV structures as set forth  
5 in the Florida Building Code, the wind speed west of the  
6 demarcation line shall be 135 miles per hour and east of the  
7 demarcation line 140 miles per hour.

8  
9 An applicant for a building permit may choose to interpolate from  
10 the actual wind speed maps instead of using those parameters noted  
11 above. In such instance a location map with the wind speed  
12 interpolation calculations shall be provided by a licensed engineer  
13 or architect.

14 \* \* \*

15 **Section 2. Section 321.101 (Adoption of Appendices)**  
16 **amended.** Section 321.101 (Adoption of Appendices), Chapter 321  
17 (Adoption of Building Code), *Ordinance Code*, are hereby amended in  
18 part as follows:

19 **CHAPTER 321. ADOPTION OF BUILDING CODE.**

20 **Sec. 321.101. Adoption of Appendices**

21 The following appendices are hereby adopted as part of this  
22 building code:

23 \* \* \*

24 Florida Building Code--Residential Appendices A, B, C, E, ~~F, G,~~  
25 and O

26 Florida Building Code--Existing Building Appendices ~~B, C,~~ and D

27 \* \* \*

28 Florida Building Code-Fuel Gas Appendices A, and B and C

29 \* \* \*

1           **Section 3.           Effective Date.**   This ordinance shall become  
2 effective upon signature by the Mayor or upon becoming effective  
3 without the Mayor's signature.

4 Form Approved:

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6                     /s/ Dylan T. Reingold          

7 Office of General Counsel

8 Legislation Prepared By:   Dylan T. Reingold

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