**HARRIS COUNTY**

**Floodplain Management Regulations**

**CODEWORD**

The Codeword is used to clarify provisions of the Harris County Floodplain Management Regulations. The sole intent is to make clear acceptable practice.

**No:** CW 1801-001

**Issued:** January 24, 2018

**Revised:** New Issue

**Subject:** Wind Speeds Clarification

**Code Ref:** Harris County Floodplain Management Regulation

**Question:** Are the wind speeds used within the Floodplain Management Regulations dated 01-01-2018 consistent with ASCE 7-05 or ASCE 7-10?

**Answer:** The wind speeds listed in the Floodplain Management Regulations are to be used with ASCE 7-05. The design provisions from ASCE 7-10 may be used provided the wind speeds are converted per the table below.

<table>
<thead>
<tr>
<th>ASCE 7-05 Design Wind Speed (3-sec gust in mph)</th>
<th>ASCE 7-10 Design Wind Speed (3-sec gust in mph)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Category I/II</td>
<td>Risk Category III/IV</td>
</tr>
<tr>
<td>120</td>
<td>152</td>
</tr>
<tr>
<td>130</td>
<td>164</td>
</tr>
<tr>
<td>140</td>
<td>177</td>
</tr>
</tbody>
</table>

Alternate design provisions may be submitted, but are subject to approval of the County Engineer.

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Harris County Engineer

If you have any questions about this CODEWORD, please contact us at 713-274-3900