WINDOW / DOOR REPLACEMENT AND IMPACT PROTECTION
ONE AND TWO FAMILY DWELLINGS ONLY

Summary of worst case* Design Wind Pressures (PSF)
For buildings with a mean roof height of 30 FT. or less* in Exposure B,C or D

Windows/ Doors and Impact Protection FRBC Tables R301.2 (2) (3) and as modified per
R301.2.1.6. Wind Speed per Figure R301.2(4) Vult. Pressures shown as Vasd.

<table>
<thead>
<tr>
<th>ZONE</th>
<th>*EFFECTIVE WIND AREA</th>
<th>160 MPH Exposure B</th>
<th>160 MPH Exposure C</th>
<th>160 MPH Exposure D</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>10 sf</td>
<td>+27.7 / -30.0</td>
<td>+38.8 / -42.0</td>
<td>+46.0 / -49.8</td>
</tr>
<tr>
<td>5*</td>
<td>10 sf</td>
<td>+27.7 / -37.0</td>
<td>+38.8 / -51.8</td>
<td>+46.0 / -61.4</td>
</tr>
</tbody>
</table>

* Notes:
1. Wind zone 5 is NEVER less than 4 ft. from the corners of the building.
2. Lower design pressures may be obtained where openings are larger than 10 sq. ft. and/or building mean roof height < 30 ft. in Exp.-C or D. See referenced tables.
3. Glazing in hazardous locations must comply with R308.4
4. Per Florida Existing Building Code 706.4, when more than 25% of the glazed openings in the building are replaced within any 12-month period, impact protection is required on the glazed opening replacements.

Garage Doors FRBC Table R301.2 (3) & (4) - Wind Speed per Figure R301.2(4) Vult. Pressures shown as Vasd.

<table>
<thead>
<tr>
<th>WIDTH (FT.)</th>
<th>HEIGHT (FT.)</th>
<th>160 MPH Exposure B</th>
<th>160 MPH Exposure C</th>
<th>160 MPH Exposure D</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>x 7</td>
<td>+24.3 / -27.5</td>
<td>+34.02 / -38.5</td>
<td>+40.3 / -45.7</td>
</tr>
<tr>
<td>16</td>
<td>x 7</td>
<td>+23.3 / -26.0</td>
<td>+32.6 / -36.4</td>
<td>+38.7 / -43.2</td>
</tr>
</tbody>
</table>

Notes:
1. Effective wind area may be interpolated, otherwise use the load associated with the lower effective area.
2. Lower design pressure may be obtained with building mean roof ht. < 30 ft. in Exp.-C and D.

FLORIDA ENERGY CONSERVATION CODE REQUIREMENT
Per section R402.3.6 and Table R402.1.1; minimum U-Factor .40 and SHGC of .25 for non-impact rated glazing and U-Factor of .65 and SHGC of .25 for impact rated glazing (note – j).

SUBMIT TWO SETS OF PRODUCT APPROVAL W/ U-FACTOR AND SHGC DATA AS APPLICABLE FOR EACH TYPE OF OPENING TO BE REPLACED ALONG WITH A BUILDING SKETCH SHOWING ALL OPENING LOCATIONS AND SIZES INCLUDING EMERGENCY ESCAPE AND RESCUE OPENING PER R310.4. HAVE APPROVED PRODUCT APPROVALS AND PERMIT AVAILABLE AT TIME OF INSPECTION.