All new residential one and two family dwellings and additions to existing one and two family dwellings must comply with the residential provisions of the 2015 IECC unless the building is considered a “Low Energy Building” as defined in Section R402.1. Additions, alterations, renovations or repairs to single family dwellings can comply with the code without requiring the unaltered portion(s) to comply. An addition shall be deemed to comply with the code if the addition alone complies or if the existing building and addition comply with the code as a single building.

In addition to the mandatory provisions of the code, the Department must be advised by the applicant of the chosen compliance path by checking the applicable box. Additional detailed information on the mandatory provision and the provisions within each compliance path can be found in the Washington County Energy Code Compliance Check List. If the Prescriptive UA Alternative path or the Performance Path is chosen additional documentation must be attached to demonstrate compliance.

**Mandatory Requirements**
All provisions must be complied with regardless of the compliance path that is chosen.

**Prescriptive Compliance Path**
Choose one of the three available options

**Prescriptive R– value**

**Prescriptive U– value**

**Prescriptive UA Alternative**
Must Submit Compliance Documentation

**Performance Option Requirements**
Must submit compliance Documentation

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**Table R402.1.2 Insulation and Fenestration Requirements by Component (2015 IECC)**

<table>
<thead>
<tr>
<th>Climate Zone</th>
<th>Fenestration U-Factor</th>
<th>Skylight U-Factor</th>
<th>Glazed Fenestration SHGC</th>
<th>Ceiling R-value</th>
<th>Wood Frame Wall R-value</th>
<th>Mass Wall R-value</th>
<th>Floor R-value</th>
<th>Basement Wall R-value</th>
<th>Slab R-value &amp; Depth</th>
<th>Crawl Space Wall R-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Except Marine</td>
<td>0.35</td>
<td>0.55</td>
<td>0.4</td>
<td>49</td>
<td>20 or 13+5</td>
<td>8/13</td>
<td>19</td>
<td>10/13</td>
<td>10, 2ft</td>
<td>10/13</td>
</tr>
</tbody>
</table>

**Table R402.1.4 Insulation and Fenestration Requirements by Component (2015 IECC)**

<table>
<thead>
<tr>
<th>Climate Zone</th>
<th>Fenestration U-Factor</th>
<th>Skylight U-Factor</th>
<th>Ceiling U-Factor</th>
<th>Wood Frame Wall U-Factor</th>
<th>Mass Wall U-Factor</th>
<th>Floor U-Factor</th>
<th>Basement Wall U-Factor</th>
<th>Crawl Space Wall U-Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Except Marine</td>
<td>0.35</td>
<td>0.55</td>
<td>0.026</td>
<td>0.060</td>
<td>0.098</td>
<td>0.047</td>
<td>0.059</td>
<td>0.065</td>
</tr>
</tbody>
</table>

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**Plan review at time of permit application**

**In field inspections to verify compliance**

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Additional information regarding the requirements of the 2015 IECC as adopted by Washington County can be obtained by calling the Permitting Department at (240) 313-2460. Local amendments and the 2015 I-codes can be referenced at www.washco-md.net