



**Building Services Division  
Community Development Department  
Anderson & Roane County**

## BUILDING CONSTRUCTION PLANNING

As of: October, 2021

**2018 International Residential Code Table R301.2 (1) Climatic and Geographic Design Criteria**

<b>Ground Snow Load:</b> .....	<b>10 psf</b>
<b>Wind Speed:</b> .....	<b>90 mph</b>
<b>Seismic Design Category:</b> .....	<b>C</b>
<b>Weathering:</b> .....	<b>Severe</b>
<b>Frost Line Depth:</b> .....	<b>10 inches</b>
<b>Termite:</b> .....	<b>Moderate to Heavy</b>
<b>Decay:</b> .....	<b>Moderate to Severe</b>
<b>Winter Design Temperature:</b> .....	<b>19 ° Fahrenheit</b>
<b>Ice Shield Under-Layment Required:</b> .....	<b>NO</b>
<b>Flood Hazards:</b> .....	The Areas of Special Flood Hazard identified on the City of Oak Ridge Tennessee as identified by FEMA, and in its Flood Insurance Study (FIS) and Flood Insurance Rate Map (FIRM), Map Numbers 47001C0214F, 0217F, 0218F, 0219F, 0236F, 0238F, 0239F, 0277F, 0281F, 0282F, 0283F, 0284F, 0295F, 0301F, 0302F, 0304F, 0310F, 0315F, effective date January 17, 2007, Map numbers 47001C0230G, 0237G and 0245G, effective date May 4, 2009, Map Numbers 47145C0039F, 0110F, 0120F, 0130F, 0135F, effective date September 28, 2007, Map Numbers 47145C0140G, 0145G, effective date November 18, 2009
<b>Air Freezing Index:</b> .....	<b>210 BF days</b>
<b>Mean Annual Temperature:</b> .....	<b>59 ° Fahrenheit</b>

### Energy Efficiency

2018 International Residential Code Table N1101.10 (R301.1)

**Climate Zone:**..... **4A**

### EPA Map of Radon Zones Anderson & Roane County

**Current Rating:**..... **Zone 1 High Potential (greater than 4 pCi/L<sup>3</sup>)**