

# Climatic and Geographic Design Criteria

## Union County

For municipalities located in Union County and administered by Light-Heigel & Associates, Inc., new construction and alterations must adhere to the following climatic and geographic design criteria:

<b>Ground Snow Load(1)</b>	<b>Wind Speed (mph)</b>	<b>Seismic Design Category</b>	<b>Concrete Weathering</b>	<b>Frost Line Depth(1)</b>	<b>Termite</b>	<b>Decay</b>
30 psf	90	B	Severe	40"	Moderate To Heavy	Slight To Moderate

<b>Winter Design Temp.</b>	<b>Ice Shield Underlayment Required</b>	<b>Flood Hazards</b>	<b>Climate Zone</b>	<b>Radon Potential</b>	<b>Air Freezing Index</b>	<b>Mean Annual Temp.</b>
0 Deg. Fahrenheit	Yes	Check with Municipality	13B	High	1000	55

(1) Set by local jurisdiction.

Note: Use Soil Load-bearing value of 1,500 psf for footing design unless a formal Geo-Technical Report indicates otherwise.

<b>Winter, Design Dry-bulb (°F)</b>	<b>Summer, Design Dry-bulb (°F)</b>	<b>Summer, Design Wet-bulb (°F)</b>	<b>Degree days heating</b>	<b>Degree days cooling</b>
10 Deg. Fahrenheit	89 Deg. Fahrenheit	72 Deg. Fahrenheit	6160	700

