

## CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

### Dauphin County

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

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

| Winter Design Temp. | Ice Shield Underlayment Required | Flood Hazards           | Climate Zone | Radon Potential | Air Freezing Index | Mean Annual Temp. |
|---------------------|----------------------------------|-------------------------|--------------|-----------------|--------------------|-------------------|
| 0 Deg. Fahrenheit   | Yes                              | Check with Municipality | 13           | 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.