

City of Cleveland

Climatic and Geographic Design Criteria

One-, Two-, and Three-Family Dwellings, Section R301, the following local design criteria is established for the City of Cleveland, and shall be used in Table R301.2 (1). These criteria may also be used where permitted in Ohio Building Code chapter 16, Structural Design.

GROUND SNOW LOAD: 30 Pounds per square foot.

WIND SPEED: 90 Miles per hour; Exposure Category: **B** (Exposure Category: **D** within six hundred feet (600') of Lake Erie shoreline.)

SEISMIC DESIGN CATEGORY: **B**

SUBJECT TO DAMAGE FROM WEATHERING: SEVERE

SUBJECT TO DAMAGE FROM FROST LINE DEPTH:

Forty-two inches (42") minimum depth of footing below finish grade, except when the code specifically permits a shallower depth.

SUBJECT TO DAMAGE FROM TERMITES: MODERATE to HEAVY

SUBJECT TO DAMAGE FROM DECAY: SLIGHT to MODERATE

WINTER DESIGN TEMPERATURE: 5° F.

ICE SHIELD UNDERLAYMENT REQUIRED: YES

FLOOD HAZARDS: Ord. No. 2007-98, Effective 12/22/98;
Community 390104 FIRM maps effective 08/01/78.

AIR FREEZING INDEX: 1500-Degree days below 32°F.

MEAN ANNUAL TEMPERATURE: 50°F.