

ORDINANCE NO. 2013 - 7

**ESTABLISHING CLIMATIC AND GEOGRAPHIC DESIGN
CRITERIA FOR RESIDENTIAL CONSTRUCTION IN THE CITY OF
MASON.**

WHEREAS, the State of Ohio Board of Building Standards has adopted a new and mandatory Residential Code of Ohio for One-, Two- and Three-Family Dwellings (RCO), effective January 1, 2013; and

WHEREAS, within the newly adopted RCO code there are portions providing climatic and geographic design criteria for the construction of residential buildings, but some criteria that was necessary for following the regulations was not included as it varies by locality; and

WHEREAS, the City of Mason wishes to make all necessary design criteria available to builders, developers, homeowners and designers for appropriate and consistent regulations for safe, healthy and sustainable homes; and

WHEREAS, Exhibit A provides climatic and geographic design criteria for applying the RCO regulations in the City of Mason that was not provided by the state, under the guidelines in Ohio Revised Code Section 3781.01;

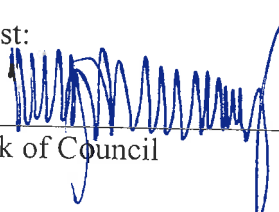
NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Mason, Ohio, six members elected thereto occurring:

Section 1. That Exhibit A shall become an amendment to the Residential Code of Ohio, enforceable to the same provisions and penalties as the remainder of the residential code referenced in Chapter 1301 of the Codified Ordinances of Mason.

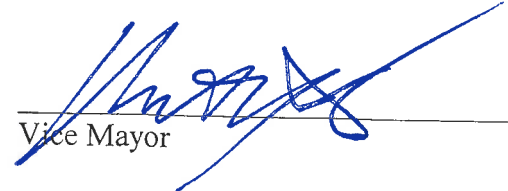
Section 2. That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed this 28th day January, 2013.

Attest:



Clerk of Council



Vice Mayor

City of Mason, Ohio

Climatic and Geographic Design Criteria

For use with the 2013 Residential Code of Ohio (RCO)

Table 301.2(1)

GROUND SNOW LOAD	WIND DESIGN		SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM		WINTER DESIGN TEMP	ICE BARRIER UNDER- LAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic Effects		Weather- ing	Frost line depth					
<u>20 psf</u> per Figure <u>301.2(5)</u>	90 mph	Exposure B	<u>B</u> per Figure <u>301.2(2)</u>	Severe	<u>30"</u> (<u>1996</u> <u>OBOA</u>)	Moderate to Heavy	<u>5 F</u> (<u>Cinti-</u> <u>Day</u>)	Yes	Per FEMA NFIP maps w/ <u>2'</u> freeboard	<u>54</u> degrees (<u>Ham-</u> <u>Fairfield</u>)

Underlined text is revised or added to the 2013 Residential Code of Ohio For One-, Two-, and Three Family Dwellings