

**CITY OF RIFLE, COLORADO**  
**ORDINANCE NO. 21**  
**SERIES OF 2016**

AN ORDINANCE OF THE CITY OF RIFLE, COLORADO, AMENDING  
SECTION 18-2-30 OF THE OF THE RIFLE MUNICIPAL CODE  
PERTAINING TO CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA IN  
THE INTERNATIONAL BUILDING CODE.

WHEREAS, the City of Rifle (“Rifle” or the “City”) has adopted the *International Building Code*, 2009 edition, and the commentary and appendices thereto, pursuant to Section 18-2-10 of the Rifle Municipal Code; and

WHEREAS, Table R301.2(1) of the *International Building Code* addressing climactic and geographic design criteria has been amended by Section 18-2-30 of the Rifle Municipal Code to require wind speed design criteria for an assumed wind speed of 90 miles per hour; and

WHEREAS, the wind speed design criteria previously adopted fails to address the wind exposure factor as a relevant component of building design criteria; and

WHEREAS, the Rifle City Council finds and believes that local building costs can be adversely affected due to the increased structural requirements made necessary due to the failure to take into account the wind exposure factor; and

WHEREAS, the City Council desires to amend Section 18-2-30 of the Rifle Municipal Code to incorporate the wind exposure factor into design criteria.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF RIFLE, COLORADO, THAT:

Section 1. The foregoing recitals are incorporated herein as if set forth in full.

Section 2. Section 18-2-30 of the Rifle Municipal Code is hereby amended as follows, with double underlined text added.

**Sec. 18-2-30. – Amendments.**

The *International Building Code*, 2009 edition, is amended as follows:

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(3) Section 1608.2 is amended to read as follows:

**"1608.2 Ground snow loads.** The minimum ground snow load for buildings or structures within the City of Rifle shall be forty (40) pounds per square foot ('psf'). Potential accumulation of snow at valleys, parapets, roof structures and offsets of roofs in uneven configuration shall be considered. The following criteria for climatic

and geographic design shall apply, as may be amended by resolution of the City Council:

TABLE R301.2(1)  
 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

Ground Snow Load	Wind Speed (mph) <u>2</u>	Seismic Design Category	Subject to Damage From				Winter Design Temp	Ice Shield Under- layment Required	Flood Hazard	Air Freezing Index	Mean Annual Temp
			Weathering	Frost Line Depth	Termite	Decay					
40 psf	90 mph	C	Severe	36"	Slight/mod	Slight	-2 F	Yes	Yes/10-15-85	2500	48 F

\* WIND EXPOSURE. The wind exposure for the City of Rifle shall be a minimum of an Exposure "B" for general areas. In more extreme conditions Exposure "C" criteria shall be used. The Building Official shall determine the appropriate exposure level based on the exposure categories defined in Section R301.2.1.4 and the surface roughness categories defined in Section 1609.4.2 of the International Building Code, 2009 Edition.

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INTRODUCED on September 21, 2016, read by title, passed on first reading, and ordered published as required by the Charter.

INTRODUCED a second time at a regular meeting of the Council of the City of Rifle, Colorado, held on October 5, 2016, passed without amendment, approved, and ordered published in full as required by the Charter.

Dated this \_\_\_ day of \_\_\_\_\_, 2016.

CITY OF RIFLE, COLORADO

BY: \_\_\_\_\_  
 Mayor

ATTEST:

\_\_\_\_\_  
 City Clerk