ORDINANCE NO.__

AN ORDINANCE TO AMEND SECTION 5-I-3 B.(4) OF THE GILLETTE CITY CODE TO REVISE TABLE R301.2 (1), *CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA* CONCERNING WIND SPEEDS AND WIND LOADS

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF GILLETTE, WYOMING:

SECTION ONE. Section 5-I-3 B.(4) of the Gillette City Code is amended to read as follows:

(4) Table R301.2 (1) of the International Residential Code is amended to read as follows:

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

Ground Snow Load		**25 psf**
Minimum Roof Snow Load for Roofs with = > 1:12 Pitch or greater 4.76 Degrees	Load reductions shall be prohibited.	**30 psf** See Footnote #1.
Minimum Roof Snow Load for Roofs with less than 1:12 Pitch 4.76 Degrees	Load reductions shall be prohibited.	**35 psf** See Footnote #2.
Basic Wind Speed (MPH) & Exposure	IRC 2012 BUILDINGS	**90 MPH Exposure C**
Wind Loads	IBC 2012 BUILDINGS	**In Accordance with IBC Section 1609**
100-Year, 1 Hour Rainfall	Source: IPC Figure 1106.1	**2.5**

(inches)		
Seismic Design Category		**B minimum**
SUBJECT TO DAMAGE FROM:		
	Weathering	**Severe**
	Frost Line Depth	**42 inches**
	Termite	**Slight to moderate**
	Decay	**None to slight**
Winter Design Temp	Source: IPC Table D-101	**-8^0 F**
Ice Shield Underlayment Required	**Source: IBC Section 1507.2.8.2. IRC Sections R905.2.7.1, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1, R905.8.3.1,**	**Yes**
Flood Hazard	**Source: IRC Table R-301.2(1) Note - G**	**10/15/90**
Air Freezing Index	**Source: IRC Table R-403.3(2)**	**2500**
Mean Annual Temp	**Source: NOAA as referenced By the IBC.**	**45^0 F**
Heating Degree Days (HDD)	**Climate Zone-6B.**	**7995**
Structural Concrete Minimum 28 Day Compressive Strength		**4,000 PSI**

1) The roof snow load shall be 30 pounds per square foot, or as determined per ASCE 7-10 as referenced by the 2012 Edition of the International Building Code based upon ground

snow load (p_g) of 25 psf; **whichever is greater.** In either case the effects of unbalanced snow, drifting, sliding snow, and ponding shall be considered where applicable.

2) The roof snow load shall be 35 pounds per square foot, or as determined per ASCE 7-10 as referenced by the 2012 Edition of the International Building Code based upon ground snow load (p_g) of 25 psf; **whichever is greater.** In either case the effects of unbalanced snow, drifting, sliding snow, and ponding shall be considered where applicable.

(Ord. 3691, 9-7-2010; Ord. 3771, 8-20-2012)

PASSED, APPROVED AND ADOPTED this ___ day of _____, 2013.

_____

John Opseth, Mayor

(S E A L)

ATTEST:

_____

Karlene Abelseth, City Clerk

Published: