Design Element Criteria for Heber City

Effective July 1. 2019.

Governing Codes: 2018 I-Codes except the IRC which remains 2015, and 2018 IRC Appendix Q,

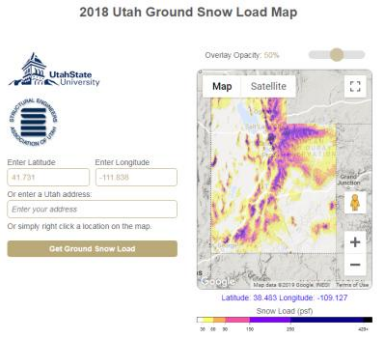
One and two family dwellings and townhomes (zero lot line one family dwellings) – **2015 IRC – no change.** Engineered residential structures- Section 2308 2018 IBC – **New - all details and notes should reference 2018 IBC**

All other buildings and structures shall conform to the **2018 Codes**.

GROUND SNOW LOAD	WIND DESIGN		SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed(mph) (3-sec. gust)	Topographic effects		Weathering	Frost line depth	Termite					
Varies Use link	105	C	D or	N/A	36	N/A	4°-94°	YES	FIRM 3/15/2012	99%	44.4°

Construction Documents (plans) are to include the following information (2018 IBC 1603.1)

1. Floor and roof dead and live loads – **no change**
2. Ground snow load Pg **– New - per amendment use the snow load calculator**



(https://utahsnowload.usu.edu/)

3. Basic design wind speed V (mph) **– New - change from 115 to 105**
4. Seismic design category – **no change**.
5. Site class – **New - Soil site class has a new value for D called D-default. This is for location where the site class is not defined by a geotechnical report but is assumed. (increases the site coefficients Fa and Fv)**
6. Flood design data, if in a flood hazard areas established in Section 1612.3 – **no change**
7. Design load-bearing values of soil – **no change**
8. Rain load data – **New - rain load data in/hr - Rain (15) and Rain (60) – can be found on https://asce7hazardtool.online/**