

SPANISH FORK CITY STRUCTURAL DESIGN CRITERIA

Seismic Design

Per IBC 2018

Earthquake Loads - Site Ground Motion

MCE Ground Motion - Conterminous 48 States

Zip Code - 84660 Central Latitude = 40.119113

Central Longitude = -111.695302

2018 IBC Requires that a State Certified Engineer figure the seismic class using the information in a site-specific soil report.

Per IRC 2018

Seismic Design Category D2 – Site Class D

Snow Load Information: <https://utahsnowload.usu.edu/>

Wind Speed: 75 mph with 3 sec. gusts to 90 mph

Frost Depth: 30 inches

Average January Temp: 30° F

Codes in effect: 2018 IBC, 2015 IRC, IPC, IMC, IFGC, IECC, IFC, and 2017 NEC

For a complete list of amendments go to, <http://beehiveicc.org/State-Amendments-2013.pdf>

