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Current Building Codes & Engineering Design Requirements

Effective July 2023

The State of Utah has adopted the model codes as published by the International Conference of Building Officials and the International Code Council.

The major codes include:

- 2021 International Building Code (IBC)
- 2021 International Residential Code (IRC)
- 2021 International Mechanical Code (IMC)
- 2021 International Plumbing Code (IPC)
- 2020 National Electrical Code (NEC)
- 2021 International Fuel Gas Code (IFGC)
- 2021 International Energy Conservative Code (IECC)
- 2017 ICC A 117.1-2017 Accessibility

In addition, the City of Logan has adopted housing codes for minimum housing standards.

These codes require all new and existing construction to meet minimum standards for safety, strength, quality and service.

The City of Logan has adopted the Utah State amendments to the IBC. These codes can be found at https://le.utah.gov/xcode/Title15A/Chapter3/15A-3.html?v=C15A-3_1800010118000101

Engineering Design Requirements

	Ground	Roof & Mfd Home*
Snow loads:	43 lbs*	

*All snow loads are calculated based on elevation. Please visit https://utahsnowload.usu.edu/ to determine accurate snow load calculations.

	Commercial	Residential
Frost Depth:	36 Inches	30 Inches

Wind Loads: 104 mph Exposure C, 3 Second Gust

Seismic Zone: D1

Allowable Soil Bearing Capacity: 1,500 lbs.

Ice Barrier Underlayment is REQUIRED per 2015 IRC