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# Current Building Codes & Engineering Design Requirements

Effective July 1, 2010

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:

- 2009 International Building Code (IBC), including Appendix J
- 2009 International Residential Code (IRC)
- 2009 International Mechanical Code (IMC)
- 2009 International Plumbing Code (IPC)
- 2008 National Electrical Code (NEC)
- 2009 International Fuel Gas Code (IFGC)
- 2009 International Energy Conservation Code (IECC)

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.

## **Engineering Design Requirements**

<b>Snow Loads:</b>	<b><u>Ground</u></b>	<b><u>Roof</u></b>	<b><u>Mfg Home</u></b>
	55 lbs	37 lbs	40 lbs live load

<b>Frost Depth:</b>	<b><u>Commercial</u></b>	<b><u>Residential</u></b>
	36 inches	30 inches

**Wind Loads:** 90 mph Exposure C, 3 second gust

**Seismic Zone:** D1

**Allowable Soil Bearing Capacity:** 1,000 lbs.