

2018 Building Codes Preparation and Adoption



International Building Codes

- The codes published by the International Code Council, Inc. are the predominant building codes used throughout the United States
- Updated on a three-year cycle

International Building Codes

- International Building Code,
- International Residential Code
- International Mechanical Code
- Uniform Mechanical Code
- Uniform Plumbing Code
- International Fuel Gas Code
- International Energy Conservation Code
- International Existing Building Code
- International Wildland-Urban Interface Code
- International Swimming Pool and Spa Code
- National Electrical Code

International Building Codes

- Building codes establish minimum standards to safeguard life and public welfare by regulating and controlling the design, construction and installation of new buildings and alterations to existing buildings
- Adopting updated building safety codes enables the City of Sparks to address all aspects of safe and sound construction, such as structural integrity, plumbing, electrical and mechanical systems, and energy efficiency and sustainability
- Currently using the 2012 codes and amendments

Northern Nevada Amendments

- Since 2006, Building Officials in northern Nevada have worked together for consistency in the way building codes are adopted and interpreted
- Recently completed a yearlong process to develop the 2018 Northern Nevada Amendments to International Codes
- Over sixty people participated from the building industry and nine jurisdictions
- An Oversight Steering Committee and 7 Technical Committees developed these Amendments

Link to Steering and Technical Committee Meeting Calendar

- <http://nnicc.org/code-amendment/2018-northern-nevada-code-amendments/>
- Downloadable PDF of the NNICC Amendment Package
- Calendars include all dates, agendas and minutes for committee meetings
- Northern Nevada jurisdictions may adopt/adapt the amendment package as they see fit

2018 Code Change Highlights

- 15% reduction to basic wind speed design calculations
- Seismic (earthquake), frost protection, and snow load requirements based on conditions in northern Nevada
- Baby changing tables required in new buildings and tenant improvements
- Fire sprinklers not required in residences of less than 5,000 sq. ft.

2018 Code Change Highlights

- Increases to Energy Conservation Code standards make buildings more energy efficient and reduce operating costs
- Arch fault or ground fault protection at plugs throughout the house.
- New code provisions for podium-style construction used for apartments.

Proposed BANN Amendments

- At end of amendment process, BANN submitted amendments to the International Energy Conservation Code (IECC)
- Changes would reduce insulation requirements to 2009 levels when renewable energy, such as solar, are used
- National and local energy code experts and IECC Technical Committee does not support reducing thermal insulation standards
- Similar changes were not adopted in IECC or by southern Nevada
- Northern Nevada Oversight Steering Committee did not include these changes in 2018 Northern Nevada Amendments

Implementation Timeline

- If the Sparks City Council approves the ordinance to adopt the 2018 Building Codes with the Northern Nevada Amendments, a grace period will start
- During the grace period, applications will be accepted using either the 2012 or 2018 codes
- The grace period will last until July 1, 2019. After that date only applications using the 2018 codes will be accepted

Questions?