



THE 2024 INTERNATIONAL CODES WILL GO INTO EFFECT JANUARY 1, 2026

CODES: DID YOU KNOW?

- Building Codes are updated every three years to keep up with trends and needs.
- Building Codes are developed through the input of code officials, designers, builders, manufacturers, and other experts.
- Code changes are vetted by committees and voted on by industry experts worldwide before going into effect.
- The International Code Council is the organization that compiles and publishes the Codes.
- Cities like Denison formally adopt the Building Codes into law.

SIGNIFICANT CHANGES IN THE 2024 INTERNATIONAL BUILDING CODE

423.4.1/423.5.1 – Storm Shelter Occupant Load (Modification)

- Emergency facilities – based on area of office space plus one per bed
- E Occupancies – based on area of classrooms, offices, and vocational rooms (excludes largest indoor assembly space, assuming not concurrently occupied)
- Building Official may reduce if an acceptable means of calculation is provided

718.2.1 – Fireblocking Materials (Addition)

- 19/32-inch fire-retardant treated wood structural panel has been added as an acceptable fireblocking material

Table 721.1(2) – Rated Wall Assemblies (Addition)

- An option was added for a one-hour rated exterior wall consisting of 2x6 wood studs at 24 inches on center with wood structural panel sheathing

903.2/907.2 – Sprinklers and Alarms Based on Occupancy where Lithium Batteries are Present (Modification)

- The code addresses Groups B, F-1, M, and S-1 sprinkler and alarm requirements where lithium batteries are manufactured, tested, stored or used, including vehicles and equipment powered by such batteries

915 – Carbon Monoxide Detection (Modification)

- Carbon monoxide detection is now required in all occupancies where a CO-producing device is present; the code goes on to provide details on specific occupancies and locations

1010.2.4/202 – Locks and Latches (Modification)

- New definitions for various types of locking mechanisms have been added to provide clarity to egress requirements
- Regulations for the inactive leaf of double doors have been clarified

1010.2.6 – Unlocking of Stairway Doors (Modification)

- Where stairwell doors are locked from the non-egress side, they must be capable of being unlocked upon activation of the fire alarm, loss of power, or a signal from the fire command center

1013.2 – Low Level Exit Signs (Deletion)

- The requirement for low level exit signs in R-1 occupancies has been eliminated if there is an automatic fire sprinkler system

1014.3 – Lateral Location of Handrails (Modification)

- The code establishes a maximum horizontal distance a handrail can be from a walking surface, stair, or ramped aisle as six (6) inches

1015.3 – Guard Height within Dwelling Units (Modification)

- Within Group R-2 and R-3 dwelling units, the minimum guard height can be 36 inches, provided that the floor below is <25 feet measured vertically

1104.2 – Electrical Vehicle Charging Stations (Modification)

- EV charging facilities for the exclusive use of law enforcement, fleet vehicles, and other commercial vehicles such as buses and delivery trucks do not have to meet accessibility requirements

1110.4 – Adult Changing Stations (Modification)

- Adult changing stations are required in assembly and mercantile occupancies where family or assisted toilet rooms are required; in Group B educational facilities above 12th grade where 12 or more water closets are required; in Group E occupancies where 6 or more water closets are required to serve an assembly space; and at highway rest stops and service plazas
- Adult changing stations must be located in a single-user toilet room
- Adult changing stations must be accessible

1208 – Minimum Dwelling Unit Size (Modification)

- Dwelling units shall have a minimum of 190 square feet of habitable space

1404.3 – Vapor Retarders (Modification)

- Several revisions have been made to the vapor retarder provisions for consistency with the IRC and IECC

1409/202 – Insulated Metal Panels (Addition)

- A new section has been added with detailed provisions for insulated metal panels

Chapter 16 – Structural Design Loads (Modification)

- Load criteria has been updated, including snow, wind, rain, seismic, guards and handrails, tornado loads, and special loads on elevators and escalators

1807.2.5 – Guards on Retaining Walls (Addition)

- A new section specifies guard requirements for retaining walls, which is consistent with guard requirements found elsewhere in the code

Chapter 22 – Steel (Modification)

- The steel chapter has been substantially reorganized for clarity and provisions have been added for structural stainless steel, cold-formed profiled steel diaphragm panels, steel decks, and boltless steel shelving

2210/202 – Metal Building Systems (Addition)

- A new definition and set of regulations details code requirements for metal building systems, being assemblies of designed, fabricated steel components

Table 2902.1 – Minimum Number of Plumbing Fixtures (Modification)

- The plumbing fixture requirements have been substantially revised for Institutional occupancies

3103/202 – Temporary Structures (Modification)

- This section has been significantly expanded to include new definitions, reduced environmental loads as well as installation and maintenance inspections

3111.3.5/202 – Elevated PV Support Structures (Addition)

- A new definition and provisions have been added to address photovoltaic panels installed on the roof of carports and awnings, including building materials, fire resistance and separation requirements

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