



# SIGNIFICANT CHANGES IN THE 2024 INTERNATIONAL RESIDENTIAL CODE

**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.

### **R104 – Powers of the Building Official (Clarification)**

- Spells out additional criteria for Alternative Compliance, including product listings, testing, evaluation reports, and the intent of code

### **Chapter 3 – Chapter Reorganized (Revision)**

- Chapter 3 has been restructured

### **R302.1 – Fire Separation Distance (Addition)**

- Dwellings on the same lot shall be assumed to have an imaginary line between them (does not apply to walls separating attached town-home units)

### **R302.3.6 – Shared Accessory Rooms (Addition)**

- Where rooms like laundry, storage space, and similar uses are shared by and attached to multiple dwelling units, the code elaborates on specific construction requirements for fire separation

### **R310 – Smoke Alarms (Modification)**

- Must be listed and installed per manufacturer's specs
- Simplified adjacency to kitchens – must be 10 ft. from permanently installed cooking appliances

### **R315/202 – Sleeping Lofts (Addition)**

- Considered a portion of the story below
- Min. 35 sq. ft./max. 70 sq. ft.
- At least half >7 ft. ceiling height, min. 3 ft. ceiling height
- Floor below min. 7 ft. ceiling height
- Permanent means of egress

### **R317.6 – EV Charging (Clarification)**

- EV charging stations must be installed per NEC, listed and labeled per UL 2202 with supply equipment listed and labeled per UL 2594

### **R330.4 – Storage Areas for ESS (Addition)**

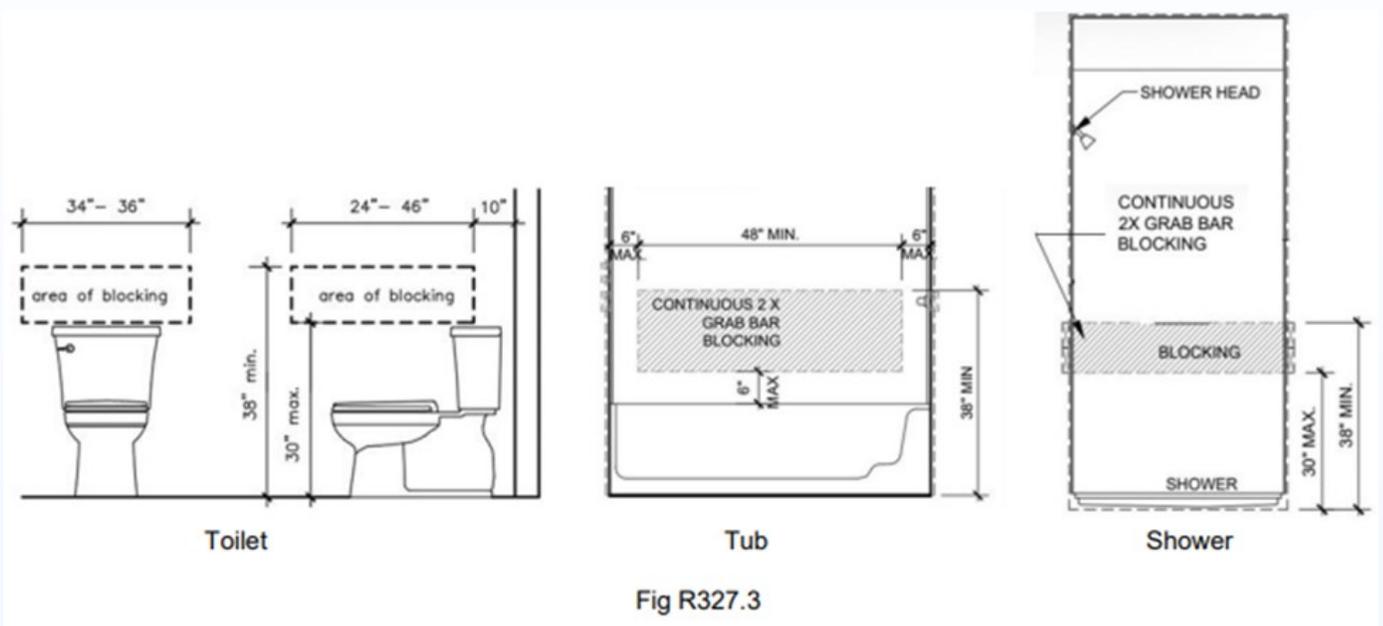
- ESS may be in basements and utility spaces if specific requirements are met for safety
- Separation requirements for areas containing ESS are similar to garages

**Table R301.2 – NCTCOG Amendment: Climatic and Geographic Design Criteria**

GROUND SNOW LOAD <sup>d</sup>	WIND DESIGN				SEISMIC DESIGN CATEGORY <sup>r</sup>	SUBJECT TO DAMAGE FROM			Winter Design Temp	ICE BARRIER UNDER-LAYMENT <sup>h</sup>	FLOOD HAZARDS <sup>g</sup>	AIR FREEZING INDEX <sup>i</sup>	MEAN ANNUAL TEMP <sup>j</sup>
	SPEED <sup>d</sup> (MPH)	Topographic Effects <sup>k</sup>	Special Region <sup>L</sup>	Windborne Debris Zone <sup>m</sup>		Weathering <sup>a</sup>	Frost Line Depth <sup>b</sup>	Termite <sup>c</sup>					
5 lb/ft <sup>2</sup>	115 (3 sec-gust)/ 33 ft above ground Exposure C	No	No	No	A	Moderate	6"	Very Heavy	22° F	No	Local Code	150	64.9° F

**R327.3 – NCTCOG Amendment: Blocking Locations**

- Blocking for grab bars is required in the tub or shower, in addition to the toilet area



**Fig R327.3**

**R330.8 – Impact Protection for ESS (Addition)**

- ESS must be protected from impact in garages, with clearances to protective devices indicated for side and rear walls in areas subject to vehicular impact
- Bollards, guards, curb stops, and wall configuration for front and side protection and clearances

**R516.2.3 – Vapor Retarder (Modification)**

- Minimum thickness of vapor retarders is changed back to 6 mil

**R507.9.1 – Deck Ledgers (Modification)**

- A water-resistive barrier must be installed where a deck ledger connects to a wall

#### **R602.10.6 – Portal Frames (Modification)**

- A portal frame header shall not extend over more than one opening

#### **R905.15 – BIPV Roofs (Modification)**

- Building-integrated photovoltaic (BIPV) roof panel and shingle provisions are updated to provide minimum deck sheathing, slope and attachment requirements

#### **R908.3 – Roof Replacement (Modification)**

- Self-adhering underlayment may be left on when reroofing, if the underlayment meets certain requirements and the decking is in good condition; new underlayment can be placed over it

#### **M1404.1.1 – NCTCOG Amendment: Air Conditioning Equipment**

- All residential dwelling units must have an air conditioning system capable of cooling the air to 20 degrees below the outside ambient temperature

#### **M1502.6 – Makeup Air and Closets (Addition)**

- Minimum opening size requirements are added for a closet door transfer air grill

#### **M1602.2 – Return Air Openings (Addition)**

- Requirements for return air openings for closets and mechanical, boiler and furnace room doors are expanded

#### **G2417.7.7.3.1 – Purging Abandoned Gas Piping (Addition)**

- Fuel gas piping that is abandoned in place must be purged

#### **P2903.6 – Existing Pipe for Grounding (Addition)**

- Existing metallic pipe used for grounding cannot be removed unless another approved means of grounding is installed

#### **Electrical Chapters (Revision)**

- New and revised provisions to match the 2023 NEC