

2024 LYON COUNTY BUILDING CODE AMENDMENTS

2024 International Building Code

2024 International Residential Code

2023 National Electric Code



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I. 2024 International Building Code Amendments

A. 406.3.2.1 Dwelling Unit Separation – Amended

1. The private garage shall be separated from the dwelling unit and its attic area by mean of gypsum board, not less than ~~1/2 inch (12.7 mm)~~ **5/8 inch (15.9mm) Type X in thickness**, applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than a 5/8 in (15.9mm) Type X gypsum board or equivalent and ~~1/2 inch (12,7mm)~~ **5/8 inch (15.9mm) Type X** gypsum board applied to structures supporting the separation from habitable rooms above the garage. Doors openings between private garage and the dwelling unit shall be equipped with either solid wood doors or solid or honey comb core steel doors not less than 1 3/8 inches (34.9mm) in thickness, or doors in compliance with Section 716.2.2.1 with a fire protection rating of not less than 20 minutes. Doors shall be self-closing or self-latching.

II. 2024 International Residential Code Amendments

A. E3901.4.2 – Island and Peninsular Countertops and Work – Amended

1. Receptacle outlets, ~~if shall be~~ installed to serve an island **of any size with a minimum of 12 inches (305mm) of usable work surface or peninsular countertop measuring 6 feet (1829mm) or greater, measured from the connecting wall to the outer edge of the countertop, provided the short dimension is at least 12 inches (305 mm)** or work surface, shall be installed in accordance with Section E3901.4.3. ~~If a receptacle outlet is not provided to serve an island or peninsular countertop or work surface, provisions shall be provided at the island or peninsular for future addition of a receptacle outlet to serve the island or peninsular countertop or work surface.~~ **Future wiring provisions, such as capped conductors, conduit stubs, or unused outlet boxes intended for future receptacles in the islands or peninsular section, are expressly prohibited.**

B. Table R302.6 of the 2024 IRC – Dwelling-Garage Separation - Amended

1.

SEPARATION	MATERIAL
From the residence and attics	Not less than 1/2-inch gypsum board or equivalent applied to the garage side <u>Not less than 5/8 - inch Type X gypsum board or equivalent</u>
From the habitable rooms above the garage	Not less than 5/8 - inch Type X gypsum board or equivalent
Structure(s) supporting floor/ceiling assemblies used for separation required by this section	Not less than 1/2-inch gypsum board or equivalent applied to the garage side <u>Not less than 5/8 - inch Type X gypsum board or equivalent</u>
Garages located less than 3 feet from a dwelling unit on the same lot	Not less than 1/2-inch gypsum board or equivalent applied to the interior side of exterior walls that are within this area

III. 2024 Northern Nevada ICC Amendments – Amended

A. Table R301.2 – Climatic and Geography Design Criteria

Jurisdiction	Ground Snow Load	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
		Speed (mph)	Topographic Effects	Special Wind Region	Windborne Debris Zone		Weathering	Frost Line Depth	Termite					
Lyon County	See IBC Table 1608.2.1	115	No	No	No	D1 -D2	Severe	18" 18" < 5000' 24" >= 5000'	Moderate to Heavy	11 F	No	Lyon County Title 15	445	51.2 F

1. All residential projects utilizing prescriptive design methods specified in the 2024 International Residential Code shall design their project to Seismic Category D2 in addition to all other Lyon County adopted amendments.

2. All projects utilizing non-prescriptive methods shall design their projects to the 2024 IBC Seismic Design Category D utilizing site specific criteria in addition to all Lyon County adopted codes and amendments. All projects utilizing non-prescriptive methods shall have all structural elements engineered. It shall not be permissible to mix prescriptive and non-prescriptive.

B. Section 609.1 Installation (UPC)

1. Water piping shall be adequately supported in accordance with Table 313.3. Burred ends shall be reamed to the full bore of the pipe or tube. Changes in direction shall be made by the appropriate use of fittings, except that changes in direction in copper or copper alloy tubing shall be permitted to be made with bends, provided that such bends are made with bending equipment that does not deform or create a loss in the cross-sectional area of the tubing. Changes in direction are allowed with flexible pipe and tubing without fittings in accordance with the manufacturer’s instructions. Provisions shall be made for expansion in hot water piping. Piping, equipment, appurtenances, and devices shall be installed in a workmanlike manner in accordance with the provisions and intent of the code. Building supply yard piping shall be not less than ~~12-6~~ 12 inches (305 ~~152mm~~ 305mm) below the average local frost depth. The cover shall be not less than 12 inches (305 mm) below finish grade.

IV. 2023 National Electric Code – Amendments

A. 210.52 (C)(2) – Island and Peninsular Countertops and Work Surfaces.

Receptacle outlets, ~~if~~ shall be installed to serve an island of any size with a minimum of 12 inches (305mm) of usable work surface or peninsular countertop measuring 6 feet (1829mm) or greater, measured from the connecting wall to the outer edge of the countertop, provided the short dimension is at least 12 inches (305 mm) or work surface, shall be installed in accordance with 210.52(C)(3). ~~If a receptacle outlet is not provided to serve an island or peninsular countertop or work surface, provisions shall be provided at the island or peninsular for future addition of a receptacle outlet to serve the island or peninsular countertop or work surface.~~ Future wiring provisions, such as capped conductors, conduit stubs, or unused outlet boxes intended for future receptacles in the islands or peninsular section, are expressly prohibited.