



**Northern Nevada Chapter  
International Code Council  
Northern Nevada IRC Code Amendment Committee  
Meeting Minutes**

Reno City Hall – 6th Floor Large Conference Room and Teams Meeting  
September 26<sup>th</sup>, 2024, 12:00 pm

CALL TO ORDER: Meeting called to order at 12:12 By Daniela Monteiro

1) ROLL CALL:

- JURISDICTIONAL MEMBERS PRESENT: Daniela Monteiro, Billy Staten, Kim Wojtkowiak, Cassidy Santos, Jordan Campbell, Gary Purdum, Erica Caldwell, Stacey Haltom, Ray Brown, Jacob Reed, Rosa Landis, Jeremy Davidson, Jon Pennington, Aaron Viviano, Bob Flores.
- INDUSTRY MEMBERS PRESENT: Glen Martel, Shannon Hernandez, Alex Boelts, Kelly Ham.

2) APPOINTMENT OF VOTING MEMBERS (5) AND SECRETARIES:

- Daniela Monteiro explained that there will be three Jurisdictional and two Industry voting members. Voting members were nominated and confirmed. Stacey Haltom and Erica Caldwell were named as Secretaries.
- ELECTED VOTING MEMBERS:
  - A. JURISDICTIONAL VOTING MEMBERS
    - 1. Daniela Monteiro: Committee Chair
    - 2. Billy Staten: Committee Co-Chair
    - 3. Jeremy Davidson
  - B. INDUSTRY VOTING MEMBERS
    - 1. Shannon Hernandez
    - 2. Alex Boelts

3) RULES OF ORDER:

1. We have a lot to do, so we're going to stick to the agenda and try to stay on track.
2. Please be respectful and courteous.
3. Everyone on the committee has the right to participate and voice opinions or suggestions.
4. For any item to move forward we need a motion and a 2<sup>nd</sup> before we take a vote. Anyone on the committee can make these motions, however, only voting members can vote.
5. Since we have members participating in-person and virtually, if you wish to speak, please raise your hand, virtually or in person, and the Chair will call on you.
6. Let's have fun and get the amendments written and adopted.

4) SCHEDULE OF MEETING DATES:

- Future meeting dates are as follows: 10/10/2024, 10/24/24, 11/07/24

5) REVIEW OF 2018 NORTHERN NEVADA AMENDMENTS:

1. **R202** Definitions (IRC 1)

- a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Daniela, 2<sup>nd</sup> by Billy.
  - i. Vote approved unanimously.

2. **R301.2:** Climatic and Geographic Design Criteria (IRC 2)

- a. Motion to **table** amendment until next meeting to allow time to compare to IRC & IBC structural codes. 1<sup>st</sup> by Daniela, 2<sup>nd</sup> by Cass.
  - i. Vote to table amendment approved unanimously.

3. **R309.1:** Townhouse Automatic Fire Sprinkler Systems (IRC 3)

- a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Daniela, 2<sup>nd</sup> by Cass.
  - i. Vote approved unanimously.

4. **R309.2:** One- and Two-Family Dwelling Automatic Fire Sprinkler Systems (IRC 4)

- a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Daniela, 2<sup>nd</sup> by Gary.
  - i. Vote approved unanimously.

5. **Chapter 11:** Energy Conservation (IRC 5)

- a. Motion by Jeremy to **strike** "2024" **replace** with "most currently adopted" and **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Daniela, 2<sup>nd</sup> by Cass
  - i. Vote approved unanimously.

6. **M1503.6:** Make-up Air Required (IRC 6)

- a. Motion to **table** amendment until next meeting to allow time to compare to IFGC. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Cass.
  - i. Vote to table amendment approved unanimously.

7. **G2404.1.1** LP-Gas Installations (IRC 7)

- a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Cass, 2<sup>nd</sup> by Gary.
  - i. Vote approved unanimously.

8. **G2404.12:** Snow Hazard (IRC 8)

- a. Motion to **add** "Douglas County" (previously omitted) and **carry over** amendment from 2018 with changes, and code section changes when applicable. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Cass.
  - i. Vote approved unanimously.

9. **G2417.4.1** (406.4.1): Test Pressure (IRC 9)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Billy.
    - i. Vote approved unanimously.
10. **G2417.4.2** (406.4.2): Test Duration (IRC 10)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Cass, 2<sup>nd</sup> by Jordan.
    - i. Vote approved unanimously.
11. **G2417.6.2** (406.6.2): Before Turning Gas on (IRC 11)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Cass.
    - i. Vote approved unanimously.
12. **G2417.6.2** (406.6.2): For Medium Pressure Gas Systems (IRC 12)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Kim.
    - i. Vote approved unanimously.
13. **G2417.6.2** (406.6.2) For Appliances or Equipment Requiring Pounds of Pressure (IRC 13)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Cass, 2<sup>nd</sup> by Gary.
    - i. Vote approved unanimously.
14. **G2417.6.2.3** (406.6.2) Manometer Testing (IRC 14)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Kim.
    - i. Vote approved unanimously.
15. **P2503.5.1** Rough Plumbing (IRC 15)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Cass, 2<sup>nd</sup> by Gary.
    - i. Vote approved unanimously.
16. **P2603.5.1** Sewer Depth (IRC 16)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Cass.
    - i. Vote approved unanimously.
17. **P3002.2** Building Sewer (IRC 17)
  - a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Cass, 2<sup>nd</sup> by Jordan.
    - i. Vote approved unanimously.

18. **E3601.6.2** Service Disconnect Location (IRC 18)

- a. Motion by Shannon to **strike** “inside” and **carry over** amendment from 2018 with changes, and code section changes when applicable. 1<sup>st</sup> by Shannon, 2<sup>nd</sup> by Billy.
  - i. Vote approved unanimously.

19. **E3705.6** Edison Fuses (IRC 19)

- a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Cass, 2<sup>nd</sup> by Jordan.
  - i. Vote approved unanimously.

20. **E3901.2.2** Wall Space (IRC 20)

- a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Cass.
  - i. Vote approved unanimously.

21. **E2902.2** Garage and Accessory Building Receptacles (IRC 21)

- a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Shannon, 2<sup>nd</sup> by Cass.
  - i. Vote approved unanimously.

22. **E3902.22** Arc Fault Circuit-Interrupter Protection for Branch Circuit Extensions (IRC 22)

- a. Motion to **carry over** amendment from 2018 with code section changes when applicable. 1<sup>st</sup> by Cass, 2<sup>nd</sup> by Jordan.
  - i. Vote approved unanimously.

23. **BF105.2** Footings (IRC 23) Motion to eliminate amendment. Motion being **tabled** until next meeting to allow time to review the proposed replacement amendment. 1<sup>st</sup> by Gary, 2<sup>nd</sup> by Cass

- i. Vote to table amendment approved unanimously.

6) NEXT MEETING:

- The next meeting to be held on 10/10/24. We will discuss the three tabled amendments, IRC 2, IRC 6, IRC23, and any new amendments being proposed.

7) ADJOURNMENT:

- Motion to adjourn the meeting, 1<sup>st</sup> by Billy, 2<sup>nd</sup> by Gary. Meeting adjourned at 1:32 by Daniela Monteiro.



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 1**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: R202**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

**Amend Section R202 adding the following definitions:**

**International Electrical Code.** The Electrical Code, whether the National Electrical Code or the **International Electrical Code**, as amended and adopted by the local jurisdiction.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.

None



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 1**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: R202**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

**Amend Section R202 adding the following definitions:**

**International Fuel Gas Code.** The Fuel Gas Code, whether NFPA 54 or the International Fuel Gas Code, as amended and adopted by the local jurisdiction.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.

None



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 1**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: R202**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

**Amend Section R202 adding the following definitions:**

**International Mechanical Code.** The Mechanical Code, whether the Uniform Mechanical Code or the International Mechanical Code as amended and adopted by the local jurisdiction.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.

None



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 1**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: R202**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

**Amend Section R202 adding the following definitions:**

**International Plumbing Code.** The Plumbing Code, whether the Uniform Plumbing Code or the International Plumbing Code, as amended and adopted by the local jurisdiction.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.

None





# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 1**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: R202**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

### Amend Section R202 adding the following definitions:

Surcharge. A vertical load imposed on the retained soil that may impose a lateral force in addition to the lateral earth pressure of the retained soil. Examples include:

- Sloped retained soil.
- Structure footings supported by the retained soil.
- Adjacent vehicle loads supported by the retained soil.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 3**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **R309.1**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section **R309.1** to read as follows:*

**R309.1 Townhouse automatic sprinkler systems.** An automatic sprinkler system shall be installed in townhouses.

**Exceptions:**

1. An automatic sprinkler system shall not be required where additions or alterations are made to existing townhouses that do not have an automatic sprinkler system installed.
2. An automatic residential fire sprinkler system shall not be required in townhouses less than 5,000 sq. ft. of living space unless the AHJ has amended the International Fire Code to include provisions pertaining to townhouses in accordance with NRS 278.586.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 4**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **R309.2**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section **R309.2** to read as follows:*

**R309.2 One- and two-family dwellings automatic fire sprinkler systems.** An automatic residential fire sprinkler system shall be installed in one- and two-family dwellings.

**Exceptions:**

1. An automatic sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with a sprinkler system.

2. An automatic residential fire sprinkler system shall not be required in one- and two-family dwellings less than 5,000 sq. ft. of living space unless the AHJ has amended the International Fire Code to include provisions pertaining to one- and two- family dwellings in accordance with NRS 278.586.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 5**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: CHAPTER 11**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section Chapter 11 to read as follows:*

### **Chapter 11-Energy Efficiency**

For residential energy efficiency requirements, reference the residential amendments of the most current adopted International Energy Conservation Code (IECC).

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 7**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: Section G2404.1 (303.1)**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Add Section **G2404.1.1(301.1.2)** to Section **G2404.1 (303.1) Scope**, to read as follows:*

**G2404.1 (301.1) Scope.** This section shall govern the approval and installation of all equipment and appliances that comprise parts of the installations regulated by this code in accordance with Section G2401.

**G2404.1.1 (301.1.2) LP-Gas Installations.** Whenever there is a conflict between this code and NFPA 54 and NFPA 58 as adopted by the Nevada LP-Gas Board for LP-Gas installations, the adopted codes of the Nevada LP-Gas Board shall govern.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 8**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **G2404 (301)**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Add Section **G2404.12 (301.17)** to Section **G2404 (301) General**, to read as:*

**G2404.12 (301.17) Snow hazard.** On any new gas installation or reconnecting the gas service of an existing installation, gas meters above 5,800 feet in elevation in Carson City, Douglas County, Storey County, and Washoe County must be protected from falling, sliding and accumulating of snow, unless the gas meter is installed in a protected location such as under an engineered deck, roof or shed. Engineered decks, roofs, or sheds shall be enclosed on all sides when used to protect gas meters on the snow shedding sides of a structure as approved by the gas utility.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 9**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **G2417.4.1 (406.4.1)**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section **G2417.4.1 (406.4.1)** to read:*

**G2417.4.1 (406.4.1) Test pressure.** The test pressure to be used shall be no less than 1-1/2 times the proposed maximum working pressure, but not less than 3 25 psig (~~20~~ 172.4 kPa gauge). Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the *pipng* greater than 50 percent of the specified minimum yield strength of the pipe. This test shall be made before any fixtures, appliances or shut-off valves have been attached and before being concealed.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



## NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 10**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **G2417.4.2 (406.4.2)**

### State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section **G2417.4.2 (406.4.2)** to read:*

**G2417.4.2 (406.4.2) Test duration.** Test duration shall be not less than ~~10 minutes~~ 30 minutes.

### Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

### Documentation

Provide statistics, studies or supporting documents.

### Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.





# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 11**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **G2417.6.2 (406.6.2)**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section **G2417.6.2 (406.6.2)** to read:*

**G2417.6.2 (406.6.2) Before turning gas on.** During the process of turning gas on into a system of new gas *pipng* or into a system or portion of a gas system that has been restored after an interruption of service, the entire system shall be inspected to determine that there are no open fittings or ends and that all valves at unused outlets are closed and plugged or capped. In the City of Fernley, City of Reno, City of Sparks, Storey County and Washoe County, a manometer test shall be made after all valves, unions, connectors and piping to the appliances are complete. A pressure test shall be made with the use of a manometer gauge measuring inches of water column. With all valves including gas cock and gas control valves in the open position, a pressure of at least eleven (11) to fifteen (15) inches of water column shall be measured for at least fifteen (15) minutes, with no perceptible drop in pressure.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 12**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **G2417.6.2 (406.6.2)**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Add Section **G2417.6.2.1 (406.6.2.1)** to Section **G2417.6.2 (406.6.2)** Before turning gas on, to read as:*

**G2417.6.2.1 (406.6.2.1) For medium pressure gas systems:** Where the appliance is rated for seven (7) to eleven (11) inches of water column, a manometer test of eleven (11) to fifteen (15) inches of water column will be conducted between the pressure regulating valve and the appliance and shall be measured for at least fifteen (15) minutes with no perceptible drop in pressure.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 13**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: G2416.6.2 (406.6.2)**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Add Section **G2417.6.2.2 (406.2.2)** to Section **G2416.6.2 (406.6.2)** Before turning gas on, to read:*

**G2417.6.2.2 (406.2.2) For appliances or equipment requiring pounds of gas pressure: A pressure test using a pressure gauge measuring in one tenth (1/10) increments shall be conducted on the gas train of that appliance or equipment. The pressure shall be equal to the appliance's normal operating pressure for a period of thirty (30) minutes with no perceptible drop in pressure.**

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 14**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **G2416.6.2 (406.6.2)**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Add Section **G2417.6.2.3 (406.2.3)** to Section **G2416.6.2 (406.6.2)** Before turning gas on, to read:*

**G2417.6.2.3 (406.2.3) Manometer testing.** Manometer testing shall be performed by a person holding a valid Washoe County manometer tester card for which the number is to be provided at the time of request for inspection. A visual manometer test to be witnessed by the authority having jurisdiction may be allowed by the Building Official. A manometer test does not need to be reported when the serving gas utility performs a manometer or clock test prior to providing service.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 15**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **P2503.5.1**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

Amend Section **P2503.5.1** to read:

**P2503.5.1 Rough plumbing.** DWV systems shall be tested on completion of the rough piping installation by water, **by air for piping systems other than plastic,** or by a vacuum of air for plastic piping systems without evidence of leakage. The test shall be applied to the drainage system in its entirety or in sections after rough piping has been installed, as follows:

1. Water test. Each section shall be filled with water to a point not less than 10 feet (3048mm) above the highest fitting connection in that section, or to the highest point in the completed system. Water shall be held in the section under test for a period of 15 minutes. The system shall prove leak free by visual inspection.
2. Air test. The portion under test shall be maintained at a gauge pressure of 5 pounds per square inch (psi) (34 kPa) or 10 inches of mercury column (34 kPa). This pressure shall be held without introduction of additional air for a period of 15 minutes.
3. Vacuum Test. *The portion under test shall be evacuated of air by a vacuum-type pump to achieve a uniform gauge pressure of -5 pounds per square inch or negative 10 inches of mercury column (-34 kPa). This pressure shall be held without the removal of additional air for a period of 15 minutes.*

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 16**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: P2603.5.1**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section **P2603.5.1** to read:*

**P2603.5.1 Sewer depth.** *Building sewers* that connect to private sewage disposal systems shall be not less than twelve (12) inches (305 mm) below finished *grade* at the point of septic tank connection. *Building sewers* shall be not less than twelve (12) inches (305 mm) below *grade*.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 17**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: P3002.2**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Add Section **P3002.2.2** to Section **P3002.2 Building sewer**, to read:*

**P3002.2.2 Building sewer.** In no event shall building sewer be less than four (4) inches in diameter.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis

State if amendment will increase or decrease building costs. Industry member should supply approximate cost (increase or decrease) of amendment.



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 18**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **E3601.6.2**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section **E3601.6.2** to read as:*

**E3601.6.2 Service disconnect location.** The service disconnecting means shall be installed at a readily accessible location ~~either~~ outside of a building or structure ~~inside~~ nearest the point of entrance of the service conductors. ~~Service disconnecting means shall not be installed in bathrooms. Each occupant shall have access to the disconnect serving the dwelling unit in which they reside.~~ The disconnecting means may be located independent of the building or structure served, in direct line of sight, but not to exceed thirty (30) feet.

**Exception:** The service disconnecting means may be installed within a building when an external remote shunt trip switch is provided. All shunt trip switches shall be located at seven feet (7') above finish grade at a location approved by the fire department. All shunt trip switches shall be located within twelve inches (12") equilateral triangle, red in color.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.





# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 19**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **E3705.6**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Add Section **E3705.6.1** to Section **E3705.6 Fuses and fixed trip circuit breakers**, to read:*

**E3705.6.1 Edison Fuses.** Plug fuses of the Edison-based shall be used only for replacement in existing installations where there is no evidence of overfusing or tampering. In any existing building where alterations or additions are made to any of the premise's wiring, all fuse holders shall be made to comply with the requirements for a Type S fuse holder through the installation of a tamper proof (rejection type) base.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 20**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: E3901.2.2**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Section E3901.2.2 is amended to read:*

**E3901.2.2 Wall Space.** As used in this section, a wall space shall include the following:

1. Any space 2 ft. (610mm) or more in width, including space measured around corners, and that is unbroken along the floor line by doorways and similar openings, fireplaces, Stationary appliances, and fixed cabinets that do not have countertops or similar work surfaces.
2. The space occupied by fixed panels in exterior walls, excluding sliding panels.
3. The space created by fixed room dividers such as railings and freestanding bar-type counters.

Exception No. 1: The space behind operable doors.

Exception No. 2: Vestibules, hallways, and similar areas less than 5 ft wide in bedrooms.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

**Amendment No: IRC 21**

**Jurisdiction Votes: Y**

**Committee: IRC**

**Industry Votes: Y**

**Code Section: E3902.2**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike-out~~ portions amended or deleted. Underline added text.

*Amend Section **E3902.2** to read:*

**Section E3902.2 Garage and accessory building receptacles.** 125-volt through 250-volt receptacles installed in garages and grade-level portions of unfinished accessory buildings used for storage or work areas and supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit-interrupter protection for personnel. [210.8(A)(3).

**Exception:** Single receptacle for a fixed in place heating appliance only (example: fuel-fired FAU, heat pump or water heater) when located within an attached garage.

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.

## Cost analysis



# NORTHERN NEVADA 2024 CODE AMENDMENT JUSTIFICATION FORM

Amendment No: **IRC 22**

Jurisdiction Votes: **Y**

Committee: **IRC**

Industry Votes: **Y**

Code Section: **E3902.22**

## State proposed amendment

Include the entire text of the code section to be amended. ~~Strike out~~ portions amended or deleted. Underline added text.

*Section **E3902.22** is deleted:*

~~**E3902.22 Arc fault circuit interrupter protection for branch circuit extensions or modifications.**~~

~~Where branch circuit wiring is modified, replaced or extended in any of the areas specified in Section E3902.21, the branch circuit shall be protected by one of the following:~~

- ~~1.—A combination type AFCI located at the origin of the branch circuit.~~
- ~~2.—An outlet branch circuit type AFCI located at the first receptacle out of the existing branch circuit.~~

~~**Exception:** AFCI protection shall not be required where the extension of the existing conductors is not more than 6 feet (1.8 m) in length and does not include any additional outlets or devices other than splicing devices. This measurement shall not include the conductors inside an enclosure, cabinet, or junction box. [201.12(B) Exception]~~

## Supporting statement

Indicate if this amendment is:

Omission

Local environment condition

Compatibility

Area standard practice

## Documentation

Provide statistics, studies or supporting documents.