

HUMBOLDT COUNTY BUILDING DEPARTMENT
2012 CODE ADMENDMENTS

Adopted Codes

- ❖ 2012 International Building Code and Building Code Standards with Changes, Modifications, Appendices and Supplements
- ❖ 2012 International Residential Code And Building Code Standards with Changes, Modifications, Appendices and Supplements excluding the Mechanical, Plumbing and Electrical Chapters and Appendices
- ❖ 2012 International Fire Code with Changes, Modifications, Appendices and Supplements
- ❖ 2009 International Energy Conservation Code with Changes, Modifications, Appendices and Supplements
- ❖ 2012 International Swimming Pool & Spa Code with Changes, Modifications, Appendices and Supplements and Related NFPA Standards
- ❖ 2012 Uniform Mechanical Code with Changes and Modifications
- ❖ 2012 Uniform Plumbing Code with Changes and Modifications
- ❖ 2011 National Electric Code
- ❖ 1997 Uniform Code for the Abatement of Dangerous Buildings
- ❖ 1997 Uniform Housing Code
- ❖ Mobile Home/Manufactured Home Standards Act – Current Edition as adopted by Nevada Revised Statutes.

Chapter 15.04 of the Humboldt County Code is amended to read as follows:

15.04.010 – International Building Code

Admndments

1. Section 105.2 Exemptions from permit requirements
 - (1) One story detached accessory buildings such as tool and storage sheds, playhouses livestock shelters and greenhouses provided the floor area does not exceed 200 square feet.
 - (6) Sidewalks, decks, platforms, and driveways not more than 30 inches above adjacent grade and not over any basement or story below and which are not part of an accessible route.
 - (9) Prefabricated swimming pools accessory to a Group R-3 occupancy, as applicable in Section 101.2, which are less than 24" deep in the ground or less than 5' deep when installed entirely above ground.
 - (10) Shade cloth structures constructed for nursery storage (nonhazardous materials) or agricultural purposes and not including service systems provided the roof area does not exceed 250 square feet. Permits for temporary shade cloth structures shall be determined by the Building Official and the International Fire Code.

2. Section 108 shall be amended to read as follows:
 - (a) When submittal documents are required by Section 106.1, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. Said plan review fee shall be 65 percent (65%) of the building permit fee as shown in Table 3-A 1991 of the Uniform Building Code plus an increase of 15 percent (15%).

The plan review fees specified in this section are separate fees from the permit fees specified in Section 108 and are in addition to the permit fees.

When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items as defined in Section 106.3.4.2 an additional plan review fee shall be charged at the rate defined in this Ordinance.

Expiration of Plan Review - Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the building official. The building official may extend the time for action by the applicant for a period not exceeding 180 days on request by the applicant showing that the circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.
 - (b) Additional plan review required by changes, additions or revisions to approved plans, \$50.00 per hour, minimum fee-one-half hour.
 - (c) Whenever any work for which a permit is required by this code has been commenced without first obtaining said permit, a special investigation shall be made before a permit may be issued for such work.

An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The investigative fee shall be equal to the amount of the permit fee required by this code. The minimum investigative fee shall be the same as the minimum fee set forth in Table 3-A of the 1991 Uniform Building Code plus an increase of 15 percent (15%). The payment of such investigation fee shall not exempt any person from compliance with all other provisions of this code nor from any penalty prescribed by laws.
 - (d) The building official may authorize refunding of any fee paid hereunder which was erroneously paid or collected.

The building official may authorize refunding of not more than 80 percent (80%) of the permit fee paid when no work has been done under a permit issued in accordance with this code. Fees paid for plan reviews are not refundable once the plan review has been completed. The building official shall not authorize refunding of any fee paid except on written application filed by the original permittee not later than 180 days after the date of fee payment.
 - (e) Expiration of permits. We consider the project to be abandoned if there has been no inspection requested or passed within 180 days. If the permit is older then one year from issuance date the permit will be expired per Section 105.5. A renewal permit will be required.
 - (f) Permit renewal fees – Renewal permits are required when a permit has been expired. The applicant may be required to submit new plans for review if new codes have been adopted. At the time of request for renewal a plan review fee will be assessed. If applicant applies for a renewal permit within 6 month of the expiration of the previous permit for the same project the

building permit fee will be 50% of current permit fee schedule. Fees for plumbing, electrical, and mechanical shall also be 50% of the current fee schedule.

(g) All permits for reroof shall be set at a standard fee as follows:

Buildings less than 5,000 square feet - \$30.00 per inspection

Buildings more than 5,000 square feet - \$50.00 per inspection

(h) All permits for siding including stucco (minimum of (2) two inspections for stucco) shall be set at a standard fee as follows:

Buildings less than 5,000 square feet - \$30.00 per inspection

Buildings more than 5,000 square feet - \$50.00 per inspection

(i) All permits for fencing shall be set at a standard fee of \$30.00 per inspection up to 500 linear feet; \$50.00 per inspection over 500 linear feet.

(j) All permits for signs shall be set at fees as follows:

Signs with valuation up to \$25,000 shall be based on the Table 3-A

of the 1991 Uniform Building Code plus an increase of 15 percent (15%).

Signs with a valuation of more than \$25,000 shall be set at a standard fee of \$300.00.

(k) Grading Fees – IBC Appendix J

The permit fees for grading shall be based on the 1997 Uniform Building Code Fee Table A-33-B.

Plan review fees shall be based on 1997 Uniform Building Code Fee Table A-33-A

3. Section 305.2 Group E, Day Care Facilities

This group includes buildings and structures or portions thereof occupied by more than six children older than 2 ½ years of age who receive educational, supervision or personal care service for fewer than 24 hours per day.

Section 305.2.2 Six or fewer children. A facility having six or fewer children receiving such day care shall be classified as part of the primary occupancy.

Section 305.2.3 Six or fewer children in a dwelling unit. A facility such as the above within a dwelling unit and have six or fewer children receiving such day care shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code.

4. Section 308.3 Institutional, Group I-1 – Add new subsection to 308.3

308.3.3 Board of Health. All portions of a care facility which houses patients or residents, which is classified by the State Board of Health as 'Category 2', and which has an occupant load of more than 10 residents, is classified as an 'I-1' occupancy classifications.

5. Section 308.6 Institutional Group I-4, Day Care Facilities

308.6 Institutional Group I-4, day care facilities. This group shall include buildings and structures occupied by more than six persons of any age who receive custodial care for fewer than 24 hours per day by persons other than parents or guardians, relatives, by blood, marriage or adoption, and in a place other than the home of the person cared for. This group shall include, but not limited to, the following:

Adult day care

Child day care

308.6.1 Classification as Group E. A child day care facility that provides care for more than six but not more than 100 children 2 ½ years or less of age, where the rooms in which the children are cared for are located on a level of exit discharge serving such rooms and each of these child care rooms has an exit door directly to the exterior, shall be classified as Group E

308.6.3 Six or fewer persons receiving care. A facility having six or fewer persons receiving custodial care shall be classified as part of the primary occupancy.

308.6.4 Six or fewer persons receiving care in a dwelling unit. A facility such as the above within a dwelling unit and having six or fewer persons receiving custodial care shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code.

6. Section 311.2 Moderate-hazard storage, Group S-1 Amend to add:

Self-serve storage (mini-storage)

7. Section 403.5.4 Smokeproof enclosures

Every required exit stairway serving floors more than 55 feet (16.764 m) above the lowest level of fire department vehicle access shall be a smokeproof enclosure in accordance with Sections 909.20 & 1022.10.

8. Section 906 Portable Fire Extinguishers – Delete in its entirety.
9. Section 910.1 General (Smoke and Heat Removal)
Exceptions:
 2. Automatic smoke and heat vents are not required within areas of buildings equipped with early suppression fast-response (ESFR) sprinklers unless the area of a Group F-1 or S-1 occupancy protected with ESFR sprinklers has an exit access travel distance of more than 250 feet (76.200 mm).
10. IBC Section 1609.3(Basic Wind Speed) and 1609.4 (Exposure) amended: The minimum basic wind speed at any site in Humboldt County shall be 90 miles per hour fastest 105 mph 3 second gust. An exposure of “C” shall be used as a minimum in the design of all structures within Humboldt County.
11. Amend Section 8103.2 – Investigations Required as follows:
Exception: The building official need not require a geotechnical investigation where satisfactory data from adjacent areas is provided by a licensed design professional that demonstrates an investigation is not necessary for any of the conditions in Sections 1803.5.1 through 1803.5.6 and Sections 1803.5.10 and 1803.5.11.
12. Section 1809.5 #1 Frost depth for Humboldt County shall be twenty four inches (24”) deep.
13. Section 2901.1 Scope
Private sewage disposal systems shall conform to NAC Chapter 444
14. Section 3401.6 Alternative Compliance. Work performed in accordance with the International Existing Building code shall be deemed to comply with the provisions of this chapter. This Section applies only when the Authority Having Jurisdiction adopts the International Existing Building Code.
15. Appendix Chapter H
 1. Section H113.4 - A permit is not required for the following signs. These exemptions shall not be construed as relieving the owner of the sign from the responsibility for its erections, maintenance and compliance with the provisions of this code or other laws or ordinances regulating signs.
 - (a) Changing of the advertising copy or message on a painted or printed sign only. Except for theater marquees and similar signs specifically designed to the use of replaceable copy, electric signs shall not be included in this exception.
 - (b) Painting, repainting or cleaning of an advertising structure or changing the advertising copy or message thereon shall not be considered an erection or alteration that requires a sign permit unless a structural change is made.
 - (c) Signs less than 6 feet (1829 mm) above grade measured from the top of the sign and a maximum of 32 sq ft.
 - (d) Section H111.1 – Flat signs installed on building wall fronts, which do not exceed 4x8 32 sq ft in size. This does not exempt the installer/owner from proper attachment for safety purposes.
 - (e) Temporary signs announcing the sale or rent of property.
 - (f) Signs erected by transportation authorities.
 2. Section H113.4 – The bottom of any marquee projecting over an alley shall not be less than fifteen and one-half (15.5) feet above the ground or pavement below.
15. Appendix Chapter I
Section I105.2 Footings – An unenclosed patio cover that projects 14 feet or less from the main structure shall be permitted to be supported on a concrete slab on grade without footings provided the slab conforms to the provisions of Chapter 19 of this code, is not less than 3 ½” thick and further provided that the columns do not support loads in excess of 750 pounds (3.36 kN) per column.

15.04.020 International Residential Code
Admendments

1. Section R105.2 Exemptions from permits
 - (1) One story detached accessory buildings such as tool and storage sheds, playhouses, livestock shelters and greenhouses provided the floor area does not exceed 200 square feet.
 - (5) Sidewalks, platforms, and driveways not more than 30 inches above adjacent grade and not over any basement or story below.
 - (7) Prefabricated swimming pools that are less than 24" deep in the ground or less than 5' deep when installed entirely above ground
 - (10) Decks that are not more than 30 inches above grade at any point.
 - (11) Shade cloth covers not exceeding 250 square feet of roof area.

2. Section R108 shall be amended to read as follows:
 - (a) When submittal documents are required by Section R106.1, plan review fees shall be paid at the time of submitting the submittal documents for plan review. Said plan review fee shall be 65 percent of the building permit fee as shown in Table 3-A 1991 of the Uniform Building Code plus an increase of 15 percent (15%).

The plan review fees specified in this section are separate fees from the permit fees specified in Section R108 and are in addition to the permit fees.

Expiration of Plan Review - Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the building official. The building official may extend the time for action by the applicant for a period not exceeding 180 days on request by the applicant showing that the circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.
 - (b) Additional plan review required by changes, additions or revisions to approved plans, \$50.00 per hour, minimum fee-one-half hour.
 - (c) Whenever any work for which a permit is required by this code has been commenced without first obtaining said permit, a special investigation shall be made before a permit may be issued for such work.

An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The investigative fee shall be equal to the amount of the permit fee required by this code. The minimum investigative fee shall be the same as the minimum fee set forth in Table 3-A of the 1991 Uniform Building Code plus an increase of 15 percent (15%). The payment of such investigation fee shall not exempt any person from compliance with all other provisions of this code nor from any penalty prescribed by laws.
 - (d) The building official may authorize refunding of any fee paid hereunder which was erroneously paid or collected.

The building official may authorize refunding of not more than 80 percent (80%) of the permit fee paid when no work has been done under a permit issued in accordance with this code.

Fees paid for plan reviews are not refundable once the plan review has been completed.

The building official shall not authorize refunding of any fee paid except on written application filed by the original permittee not later than 180 days after the date of fee payment.
 - (e) Expiration of permits. We consider the project to be abandoned if there has been no inspection requested or passed within 6 months. If the permit is older than one year from issuance date the permit will be expired per Section 105.5. A renewal permit will be required.
 - (f) Permit renewal fees – Renewal permits are required when a permit has been expired. The applicant may be required to submit new plans for review if new codes have been adopted. At the time of request for renewal a plan review fee will be assessed. If applicant applies for a renewal permit within 6 month of the expiration of the previous permit for the same project the building permit fee will be 50% of current permit fee schedule. Fees for plumbing, electrical, and mechanical shall also be 50% of the current fee schedule.
 - (g) All permits for reroof shall be set at a standard fee as follows:

Buildings less than 5,000 square feet - \$30.00 per inspection
Buildings more than 5,000 square feet - \$50.00 per inspection
 - (h) All permits for siding including stucco (minimum of (2) two inspections for stucco) shall be set at a standard fee as follows:

Buildings less than 5,000 square feet - \$30.00 per inspection

Buildings more than 5,000 square feet - \$50.00 per inspection

(i) All permits for fencing shall be set at a standard fee of \$30.00 per inspection up to 500 linear feet; \$50.00 per inspection over 500 linear feet.

3. Section R202 Definition of Sleeping Room – Any bedroom or other room that is intended to be or is ordinarily used for sleeping purposes. The term is deemed to include any room that contains a closet and provides for occupant privacy.
4. Section R303.1. All unfinished residential basements shall be provided with natural light by means of exterior glazed openings with an area not less than five percent of the total floor area.
The unfinished basement shall be provided with one emergency escape window or door complying with International Residential Code Section R310.
The unfinished basement shall also be provided with smoke detectors complying with International Residential Code Section R313.
All finished residential basements shall be provided with a minimum of one window in each habitable room.
Sleeping rooms and required emergency escape or rescue windows and doors shall comply with International Residential Code, Section R310.
Smoke detectors shall be provided per International Residential Code Section R313.
5. Chapter 2 Definitions
Whole –House Mechanical Ventilation – Delete For definition applicable in Chapter 11, See Section N1101.9
6. IRC Section R301.2.2 Seismic Zone shall be D-1.
7. IRC Section R301.2.1(Basic Wind Speed) and 1609.4 (Exposure) amended: The minimum basic wind speed at any site in Humboldt County shall be 90 miles per hour fastest mile and 105 miles per hour 3 second gust. An exposure of “C” shall be used as a minimum in the design of all structures within Humboldt County.
8. IRC Section R302.2 Townhouses
 1. A common 2-hour fire-resistance-rated wall assembly tested in accordance with ASTM E 119 or UL 263 is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. Electrical installations shall be installed in accordance with 2011 National Electric Code. Penetrations of electrical outlets boxes shall be in accordance with Section R302.4.
 2. Where the building is equipped throughout with an automatic sprinkler system, a common 1-hour fire-resistance-rated wall assembly test in accordance with ASTM E 119 or UL 263 is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. The wall shall be rated for fire exposure from both sides and shall extend to and be tight against exterior walls and the underside of roof sheathing. Electrical installations shall be installed in accordance with National Electric Code. Penetrations of electrical outlet boxes shall be in accordance with R302.4.
9. IRC Section 302.2.4 Structural Independence
Townhouses separated by a common fire resistance-rated wall as provided in Section R302.2.
10. IRC Section R303.4 Mechanical Ventilation – Delete entire section
11. IRC Section R309.2 Breezeway. Where a breezeway separates a single-family dwelling and a garage, the interior wall and gable end wall of the garage adjacent to the dwelling shall be protected with one layer of ½” sheetrock from the floor to the underside of the roof sheathing.
12. IRC Section R313.1 Townhouse Fire Sprinkler Requirement – Delete entire section.
13. IRC Section R313.2 One-and-two family Dwellings Automatic Fire Systems – Delete entire section

14. IRC Section R315.1 Carbon monoxide alarms. For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel fired appliances are installed and in dwelling units that have attached garages with a communicating opening.
15. IRC Section R315.3 Where Required in Existing Dwellings
Where work requiring a permit occurs in existing dwellings, carbon monoxide alarms shall be provided in accordance with Section R315.1 for the following:
 1. Addition and/or renovation of attached garages with communicating openings requiring building permit.
Exception: Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition or a porch or deck and installation, alteration or repair of plumbing systems are exempt from the requirements of this section.
16. Exclude Chapter 11 Energy Efficiency
17. Exclude Mechanical Chapters 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and Appendices B, C & D.
18. Exclude Plumbing Chapters 24, 25, 26, 27, 28, 29, 30, 31, 32, and Appendices A, I, N and P.
19. Exclude Electrical Chapters 33, 34, 35, 36, 37, 38, 39, 40, and Appendix Q.
20. Appendix H – Patio Covers
Section AH105.2 Footings - An unenclosed patio cover that projects 14 feet or less from the main structure shall be permitted to be supported on a concrete slab on grade without footings provided the slab conforms to the provisions of Section R506 of this code, is not less than 3 ½" thick and further provided that the columns do not support loads in excess of 750 pounds (3.36 kN) per column.
21. Bathrooms shall not be constructed in a garage/accessory building until a residence is located on the parcel.

15.04.030 Uniform Mechanical Code.

Amendments

1. There is added to Section 115 "Fees," the following paragraph:
 - (a) For new residential construction, three and one-half (.035) cents per square foot.
 - (b) Fee schedule shall be Table 3-A of the 1991 Uniform Mechanical Code.
 - (c) Plan review fees, investigative fees and fee refunds shall be as set in 15.04.010 (C) 2 (a)(b)(c)(d) of this ordinance.
3. Section 304.2.1.2 Permanent Ladders – Amend as follows:
 - (6) Fall protection or guards of not less than 42 inches in height, measured from the roof walking surface shall extend min. 6' on each side of ladder at the roofs edge.
2. Section 323.0 Installation of Gaseous Hydrogen Systems: Add new section to Chapter 3.
323.0 Installation of Gaseous Hydrogen Systems. All hydrogen systems shall comply with NFPA 2 Chapter 13 Hydrogen Technology Code, Building Code, and the Fire Code.
3. 504.3.1.2 Length Limitations (Clothes Dryers) – Amend as follows:

The maximum length of a clothes dryer exhaust duct shall not exceed 25 feet (7620 mm) from the dryer location to the wall or roof termination. The maximum length of the duct shall be reduced 2.5 (762 mm) for each 45-degree (0.8 rad) bend and 5 feet (1524 mm) for each 45-degree (1.6 rad) bend. The maximum length of the exhaust duct does not include the transition duct.

Exceptions:

 1. Where the make and model of the clothes dryer to be installed is known and the manufacturer's installation instructions for the clothes dryer are provided to the Authority Having Jurisdiction, the maximum length of the exhaust duct, including any transition duct, shall be permitted to be in accordance with the dryer manufacturer's installation instructions.
 2. Where large-radius 45-degree (0.8 rad) and 90-degree (1.6 rad) bends are installed, determination of the equivalent length of clothes dryer exhaust duct for each bend by engineering calculation in accordance with ASHRAE Fundamentals Handbook shall be permitted.
4. Section 505.3 Makeup Air: Amend section to read as follows:

Makeup air shall be provided to replenish air exhausted by the ventilator system. Exhaust hood systems capable of exhausting in excess of 600 cfm (0.28 m³/s) shall be provided with makeup air at a rate approximately equal to the exhaust air rate. Such makeup air systems shall be equipped with a means of closure and shall be automatically controlled to start and operate simultaneously with the exhaust system. Makeup air intakes shall be located so as to avoid recirculation of contaminated air within enclosures.
5. Section 508.5.5 Evaporative Cooling Systems – Add new subsection 508.5.5 to section 508.5:
508.5.5 Evaporative Cooling Systems. Evaporative cooling systems will comply with this chapter. Evaporative coolers shall not be used for make-up air units on commercial hoods and kitchen ventilation systems.
Exception: Evaporative cooling systems that are a listed assembly with tempered air for kitchen make-up air systems.
6. Section 604.1 General (Insulation of Ducts) Amend Section 604.1 to read as follows:

Supply-air ducts, return air-ducts, and plenum of a heating or cooling system shall be insulated to achieve a minimum thermal (R) value in accordance with the 2009 International Energy Conservation Code Section 403.2.1 for residential and 503.2.7 for commercial.
Delete Exceptions.
7. Section 609.0 Performance Test of Automatic Shutoffs. Add new Section 609.0 to Chapter 6.

Upon completion and before final approval on the air-moving system, provide with the required smoke detectors, a performance test shall be performed to verify compliance of detector installation to manufacturer's instructions and system compatibility as specified in this chapter. The permittee shall furnish the necessary test equipment and devices to perform tests and shall provide jurisdiction with an accurate, completed, and signed test report. The report shall provide the jurisdiction a form containing equivalent information. At the discretion of the Authority Having

Jurisdiction, the performance test may be required to be witnessed by the Authority Having Jurisdiction, or performed by an approved third party testing agency.

8. Section 1302.1 Installation – Amend to read as follows:
The regulations of this chapter shall govern the installation of fuel gas piping in or in connection with a building, structure or within the property lines of premises up to 5 pound-force per square inch (psi) (34kPa), other than service pipe. Fuel oil piping systems shall be installed in accordance with NFPA 31. Whenever there is a conflict between this code and NFPA 54 and NFPA 58 as adopted by the Nevada L-Gas Board installations, the adopted codes of the Nevada LP-Gas Board shall govern.

15.04.050 Uniform Plumbing Code.

Amendments.

1. There are added to Section 103.4:
 - (a) For new residential construction, three and one-half (.035) cents per square foot.
 - (b) For temporary gas service, \$25.00
 - (c) Fee schedule shall be Table 1-1 of the 1997 Uniform Plumbing Code.
 - (d) Plan review fees, investigative fees and fee refunds shall be as set in 15.04.010(C)2(a)(b)(c) of this ordinance.

2. Section 216 Non Combustible Materials – Add new definition
Materials that, when tested in accordance with ASTM E 136, have at least three of four specimens tested meeting all of the following criteria:
 1. The recorded temperature of the surface and interior thermocouples shall not at any time during the test rise more than 54°F (30°C) above the furnace temperature at the beginning of the test.
 2. There shall not be flaming from the specimen after first 30 seconds
 3. If the weight loss of the specimen during testing exceeds 50 percent, the recorded temperature of the surface and interior thermocouples shall not at any time during the test rise above the furnace air temperature at the beginning of the test, and there shall not be flaming of the specimen.

3. Section 218 Penetration Firestop System – Delete section in its entirety.

4. Section 220 T Rating – Delete entirely

5. Section 312.7 Fire-Resistive Construction – Amend as follows:
Piping penetrations of fire-resistance-rated walls, partitions, floors, floor/ceiling assemblies, roof/ceiling assemblies, or shaft enclosures shall be protected in accordance with the requirements of the building code.

6. Section 422 Minimum Number of Required Fixtures – Delete section in its entirety.

7. Table 422.1 Minimum Plumbing Facilities – Delete Table in its entirety.

8. Section 1202.1 Installation - Add the following
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.

15.04.060 National Electric Code.

Amendments.

1. There are added to the schedule of fees as set out in Section 80.19 (E) of the 2011 Edition of the National Electric Code the following fees:
 - (a) Fee schedule shall be Section 304 Table 3-A of the 1990 Edition of the Uniform Administrative Code Provisions of the National Electric Code.
 - (b) Plan review fees, investigative fees and fee refunds shall be as set in 15.04.010(C)2
 - (a)(b)(c)(d) of this ordinance
 - (c) For temporary electric service \$25.00
2. Article 210.12(B) Arc-Fault Receptacles – Delete
(B) Branch Circuit Extensions or Modifications – Dwelling Units. In any of the areas specified in 210.12 (A), where branch-circuit wiring is modified, replaced, or extended, the branch circuit shall be protected by one of following:
 - (1) A listed combination-type AFCI located at the origin of the branch circuit
 - (2) A listed outlet branch-circuit type AFCI located at the first receptacle outlet of the existing branch circuit.
3. Article 225.32 Locaton – Add new exception
Exception 5: The disconnecting means may be located independent of the building or structure served, in direct line of sight, but not to exceed thirty feet (30')
Article 230.2, Services of the National Electric Code is amended to read as follows:
 - (a) A residential building or structure, individual parcel or lot of land, shall be supplied by only one service
4. Article 230.70(A)(1) of the National Electric Code is amended to read as follows:
 - (a) The service disconnection means shall be installed outside of a building or other structure at a readily accessible location nearest the point of entrance of the service conductors. The disconnecting means may be located independent of the building or structure served, in direct line of sight, but not to exceed thirty feet (30').
Exception: The service disconnect 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 finished grade at a location approved by the fire department. All shunt trip switches shall be located within a twelve inch (12") equilateral triangle, red in color.
5. Article 250.96(A) General – Add the following
The Authority having Jurisdiction shall require a supplementary grounding conductor where a metallic raceway is subject to damage or is likely to be disturbed.
FPN: An example of "subject to damage" might be a surface mounted conduit along a traffic path in a warehouse. An example of "likely to be disturbed" might be conduit across a rooftop, where re-roofing operations will require conduit to be removed.
6. Article 314.7(C) Non Metallic Boxes and Conduit Bodies – Amend as follows:
Exception: Where nonmetallic-sheathed cable or multiconductor Type UF cable is used with boxes mounted in walls or ceilings, and where cable is fastened within 200 mm (8 in.) of the box measured along the sheath the sheath extends through a cable knockout not less than 6 mm. (1/4 in.) securing the cable to the box shall not be required. Mutiple cable entries shall be permitted in a single cable knockout opening.

15.04.110 International Energy Conservation Code

Amendments

1. Exclude all references to International Residential Code (Mechanical) Chapters 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and Appendices B, C & D and replace with 2012 Uniform Mechanical Code.
2. Exclude all references to International Residential Code (Plumbing) Chapters 24, 25, 26, 27, 28, 29, 30, 31, 32, and Appendices A, I and N and replace with 2012 Uniform Plumbing Code.
3. Section 101.4.3 Additions, alterations, renovations or repairs. – Add the following exception:
 9. Relocations only of existing luminaries within an existing area enclosed by walls or floor to ceiling partitions.
4. Section 202 Definitions – Amend Section to include the following definitions.

Casino. A business with a Non-restricted Gaming License from the Nevada Gaming Commission and State Gaming Control Board. It includes the gaming area(s) as well as the adjacent areas within the building envelope.

Casino Gaming Area. The space within a casino wherein gaming is conducted. The area shall also include accessory uses within the same room(s) as, or substantially open to the gaming floor(s). Such areas shall include, but not be limited to lobbies, balconies, public circulation areas, assembly areas, restaurants, bars, lounges, food courts, retail spaces, mezzanines, convention pre-function areas, cashiers' cages, player's clubs, customer support, conservatories and promenades that share the same atmosphere, spillover lighting and theme lighting with the adjacent gaming floor area.

Occupant Sensor (Lighting). A device that detects the presence or absence of people within an area and causes lighting to be regulated accordingly. The term "occupant sensor" applies to a device that controls indoor lighting systems.

Motion Sensor (Lighting). A device used to control outdoor lighting system.
5. Section 303.1.3 Fenestration and product rating – Add two new subsections and amend Section 303.1.3 as follows:

U-factors of fenestration products (windows, doors and skylights) shall be determined in accordance with NFRC 100 by an accredited, independent laboratory, and labeled and certified by the manufacturer. Products lacking such a labeled U-factor shall be assigned a default U-Factor from Tables 303.1.2(1) or 303.1.3(2) or ASHRAE 90.1 Tables A-8.1 A and B or Table 8.2. The solar heat gain coefficient (SHGC) of glazed fenestration products (windows, glazed doors and skylights) shall be determined in accordance with NFRC 200 by an accredited, independent laboratory, and labeled and certified by the manufacturer. Products lacking such a labeled U-factor shall be assigned a default U-factor from Tables 303.1.3(1) or 303.1.3(2) or ASHRAE 90.1 Table A-8.1 B or Table 8.2.
6. Section 403 Systems – Amend as follows:

Section 403.2.2 - Sealing (Mandatory). Postpone the enforcement of mandatory duct testing requirements of Section 403.2.2(1)(2) until July 1, 2015.
7. Section 403.6 – Equipment Sizing (Mandatory) amend as follows:

Heating and cooling equipment shall be sized in accordance with ACCA Manual S based on building load calculated in accordance with ACCA Manual J or other approved heating and cooling calculations methodologies.
8. Section 405.6.1(2) Minimum capabilities – Calculation of whole-building (as a single zone) sizing for the heating and cooling equipment in the standard reference design residence in accordance with ACCA Manual S based on building loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies

9. Section 505.5.1 Total connected interior lighting power. Amend exception 7 and add new exception as follows:
 7. Advertising signage or directional signage, including signage for business identification or promotion, location maps and directories and sports scoreboards.
 15. Theme elements in theme/amusement parks and casinos.
10. Section 505.6.2 Exterior buiding lighting power – Amend exception 2 & 8 as follows:
 2. Advertising signage or directional signage, including signage for business identification and promotion, location maps and directories and sports scoreboards;
 8. Theme elements in theme/amusement parks and casinos;

11. Chapter 6 Referenced Standards

ACCA Air Conditioning Contactors of America
 2800 Shirlington Road, Suite 300
 Arlington, VA 22206

Standard Reference Number	Title	Referenced in code section number
Manual D-95	Residential Duct Systems	
Manual J-02	Residential Load Calculations Eight Addition	403.6
Manual S	Residential Equipment Section	