

ORDINANCE NO. 690

AN ORDINANCE AMENDING CURRENTLY EFFECTIVE BUILDING CODES, PREVIOUSLY ADOPTED BY THE TOWN OF HAYDEN TO CONFORM TO THE INTERNATIONAL BUILDING CODE, 2015 EDITION, INCLUDING APPENDIX CHAPTERS C, E, G, AND J; INTERNATIONAL RESIDENTIAL CODE, 2015 EDITION, INCLUDING APPENDIX CHAPTER E; INTERNATIONAL EXISTING BUILDING CODE, 2015 EDITION; UNIFORM CODE FOR THE ABATEMENT OF DANGEROUS BUILDINGS, 1997 EDITION; NATIONAL ELECTRICAL CODE, AS CURRENTLY ADOPTED BY THE STATE OF COLORADO; INTERNATIONAL MECHANICAL CODE, 2015 EDITION; INTERNATIONAL PLUMBING CODE, 2015 EDITION, INCLUDING APPENDIX CHAPTERS B,C, D, E,; INTERNATIONAL FUEL GAS CODE, 2015 EDITION; INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION, ALL REGULATING THE ERECTION, CONSTRUCTION, ENLARGEMENT, ALTERATION, REPAIR, MOVING, REMOVAL, DEMOLITION, CONVERSION, OCCUPANCY, EQUIPMENT, USE, HEIGHT, AREA AND MAINTENANCE OF ALL BUILDINGS OR STRUCTURES AND BUILDING SERVICE EQUIPMENT; PROVIDING FOR THE ISSUANCE OF PERMITS AND COLLECTION OF FEES THEREFORE; AND PROVIDING FOR PENALTIES FOR THE VIOLATION THEREOF; REPEALING ALL CONFLICTING ORDINANCES; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

with standards, amendments and additions thereto (collectively referred to herein as "Building Codes"); and

RECITALS

1. Colorado Revised Statutes § 31-16-201 to 208 provide that municipalities may adopt certain codes and standards by reference.
2. Pursuant to CRS § 31-16-204, the Council may alter and amend any building code.
3. the Town of Hayden, Town Council, did adopt Ordinance 660 adopting with certain amendments the International Building Code, 2009 Edition.
4. Notice of the hearing shall be published in a newspaper of general circulation in the adopting municipality, once at least ten days preceding the hearing; if there is no such newspaper, the notice shall be posted in the same manner as provided for the posting of a proposed ordinance; the notice shall state the time and place of the hearing.
5. Notice of the public hearing was published in the Steamboat Pilot & Today on and the required public hearing before the Council was held on all in accordance with CRS § 31-16-203 and the Town of Hayden Home Rule Charter.
6. The International Code Council and similar bodies have updated and improved the codes.

7. The Town Council finds the fees set forth in herein are reasonable and necessary to cover the expected normal costs of plan review and inspection associated with the permits in question.
8. The Building Official has reviewed the 2015 International Building Code and recommends their adoption as set forth herein.

NOW, THEREFORE BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF HAYDEN, COLORADO AS FOLLOWS:

Section 1: Amendment and Restatement of Existing Codes. The currently effective building codes adopted by Ordinance 660 together with any previously adopted building codes not previously repealed or amended are hereby amended and restated by reference to the codes and materials described as follows:

A. International Building Code Adoption.

"There is hereby adopted by the Town of Hayden, for the purpose of providing minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, quality of materials, use and occupancy, location and maintenance of all buildings and structures within the Town, that certain code known as the International Building Code, 2009 Edition, including Appendix Chapters C and J, published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills IL, 60478. The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section". This adoption is subject to the amendments set forth herein.

International Building Code Amendments and Deletions.

The International Building Code, 2015 Edition, is amended as follows:

The following sections and paragraphs or subparagraphs of the 2009 International Building Code are hereby amended or deleted as follows:

(1) **International Building Code** is amended by replacing all references to "International Fire Code" with "adopted fire code".

(2) **International Building Code** is amended by replacing all references to "ICC Electrical Code" with "National Electrical Code" as adopted by the State of Colorado.

Section 103.1 General, is amended to read as follows:

The Building Department is hereby created and the official in charge shall be known as the Building Official.

Section 105.2 Work exempt from permit, is amended as follows:

Section 105.5 Expiration, is amended to read as follows:

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced.

All building permits shall automatically expire three years from the date of issuance and no further work on the project for which the permit was issued shall be done unless a renewal permit is requested in writing and approved prior to the expiration date of the original permit.

Renewal permit request shall be requested in writing and justifiable cause demonstrated. Upon review of the request and after an on-site inspection is completed the Routt County Regional Building Department may authorize or deny the renewal permit request.

Renewal permits shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. Renewal permits shall automatically expire one year from the date of issuance and no further work on the project for which the permit was issued shall be done. Time extensions for a renewal permit shall be requested in writing and justifiable cause demonstrated, Routt County Regional Building Department may authorize or deny the time extension request.

If approved a renewal permit for the originally permitted work shall be issued upon payment based upon the valuation of the remaining work, current codes and current fee schedules. A renewal permit may be obtained only if no changes have been made to the construction documents submitted with the original permit application.

Section 109.2 Schedule of fees, is amended by adding a second paragraph to read as follows:

The fee for each permit shall be as set forth in the latest adopted fee schedule as adopted by the Town of Hayden.

Section 116.1 Unsafe structures and equipment, is amended by adding a second paragraph to read as follows:

The Building Official may use the Uniform Code for Abatement of Dangerous Buildings, as adopted, to provide a just, equitable and practicable method to be cumulative with and in addition to any other remedy provided by this code.

Section 901.1 Scope, is amended to add a second paragraph as follows:

The authority having jurisdiction for fire protection systems shall have the authority to adopt additional standards for fire protection systems subject to applicable state statutes and the terms and conditions of any intergovernmental agreement between the Town of Hayden and any fire protection district.

Section 903.2.8 Group R, is amended to add the following exception:

EXCEPTION: An automatic sprinkler system is not required in multi-use buildings, two stories or less with no more than two (2) dwelling units, provided the building is constructed as required by Section 508.4, and an automatic and manual fire alarm system is installed in accordance with NFPA 72. Sprinkler systems required by other sections and other codes must still be provided.

Section 907.2.1 Group A, Exception, delete.

Section 907.2.2 Group B, Exception, delete.

Section 907.2.4 Group F, Exception, delete.

Section 907.2.7 Group M, Exception 2, delete.

Section 907.2.8.1 Manual fire alarm system, Exception 2, delete.

Section 907.2.9 Group R-2, Exception 2, delete.

Section 1011.2 Width and capacity, is amended to read as follows:

The required capacity of stairways shall be determined as specified in Section 1005.1, but the minimum width shall be not less than 48 inches (1219 mm). See Section 1009.3 for accessible means of egress stairways.

Section 1207.2 Air-borne sound, The first sentence of this section is amended to read as follows:

Walls, partitions and floor/ceiling assemblies separating dwelling units from each other or from public or service areas shall have a sound transmission class (STC) of not less than 49 (45 if field tested) for air-borne noise when tested in accordance with ASTM E 90.

Section 1207.3 Structure-borne sound, delete.

Section 3009, CERTIFICATES OF INSPECTION is added to read as follows:

3009.1 General. Elevators, dumbwaiters and escalators shall be maintained to sustain safely all imposed loads, to operate properly, and to be free from physical and fire hazards. The most current certificate of inspection shall be on display at all times within the elevator or attached to escalator or dumbwaiter; or the certificate shall be available for public inspection in the office of the building operator.

3009.2 Elevators. In buildings equipped with passenger elevators, at least one elevator shall be maintained in operation at all times when the building is occupied.

Exception: Buildings equipped with only one elevator shall be permitted to have the elevator temporarily out of service for testing or servicing.

Appendix Section J103.3, Grading fees, is added to read as follows:

When plans or other data are required to be submitted, a plan review fee shall be paid at the time of submitting plans and specifications for review. A grading permit fee shall be paid at permit issuance. Said plan review and grading permit fees shall be as set forth in the latest adopted fee schedule as adopted by the Town of Hayden.

B. International Residential Code Adoption

"There is hereby adopted by the Town of Hayden, for the purpose of providing minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, quality of materials, use and occupancy, location and maintenance of one and two-family dwellings within the Town, that certain code known as the International Residential Code, 2015 Edition, including Appendix Chapter E and G, and Appendix Q of 2018 International Residential Code, published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills IL, 60478. The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section". This adoption is subject to the amendments set forth herein.

International Residential Code Amendments and Deletions.

The International Residential Code, 2015 edition, is amended as follows:

The following sections and paragraphs or subparagraphs of the 2015 International Residential Code are hereby amended or deleted as follows:

(1) **International Residential Code** is amended by replacing all references to "International Fire Code" with "adopted fire code".

(2) **International Residential Code** is amended by replacing all references to "ICC Electrical Code" with "National Electrical Code" as adopted by the State of Colorado.

(3) **International Residential Code** is amended by replacing all references to "Chapter 11 Energy Code" with "2009 International Energy Conservation Code".

Section R103.1 General, is amended to read as follows:

The Building Department is hereby created and the official in charge shall be known as the Building Official.

Section R105.2 Work exempt from permit, is amended by adding the following:

11. Roofing permits are not required when existing roofing materials are removed without damaging or removing existing roofing underlayment materials and new roofing materials of the same type are re-installed.
- 12.

Section R105.5 Expiration, is amended to read as follows:

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced.

All building permits shall automatically expire three years from the date of issuance and no further work on the project for which the permit was issued shall be done unless a renewal permit is requested in writing and approved prior to the expiration date of the original permit.

Renewal permit request shall be requested in writing and justifiable cause demonstrated. Upon review of the request and after an on-site inspection is completed the Routt County Regional Building Department may authorize or deny the renewal permit request.

Renewal permits shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. Renewal permits shall automatically expire one year from the date of issuance and no further work on the project for which the permit was issued shall be done. Time extensions for a renewal permit shall be requested in writing and justifiable cause demonstrated, Routt County Regional Building Department may authorize or deny the time extension request.

If approved a renewal permit for the originally permitted work shall be issued upon payment based upon the valuation of the remaining work, current codes and current fee schedules. A renewal permit may be obtained only if no changes have been made to the construction documents submitted with the original permit application.

Section R108.2 Schedule of fees, is amended by adding a second paragraph to read as follows:

The fee for each permit shall be as set forth in the latest adopted fee schedule as adopted by the Town of Hayden.

Table R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA, is completed as follows:

- Roof Snow Load 50 PSF with no reductions.
- Climate Zone 7
- Wind Speed – 115 MPH (ultimate design wind speed)
- Topographic Effects – No
- Seismic Design Category – B
- Subject to Damage by Weathering – Severe
- Subject to Damage by Frostline Depth – 48 inches (1220mm)
- Subject to Damage by Termite – None to slight
- Subject to Damage by Decay – None to slight
- Winter Design Temperature – -15°F (-26°C)
- Ice Shield Underlayment Required – Yes
- Flood Hazards – FIRM, February 4, 2005
- Air Freezing Index – Steamboat 2239
- Mean Annual Temperature – 40-45°F (4.5-7.2°C)

Section R302.3 Two family dwellings, Exception 2, is hereby deleted.

Section R311.7.11 Alternating tread devices, is added to read as follows:

Alternating tread stairways may serve as an exit from an area not to exceed 200 square feet. Alternating tread stairways shall have a minimum projected tread of 8.5

inches (216 mm) with a minimum tread depth of 10.5 inches (267 mm). The rise to the next alternating tread surface should not be more than 8 inches (203 mm). The initial tread of the stairway shall begin at the same elevation as the platform, landing or floor surface. An approved handrail shall be provided on each side.

Section R311.7.12 Ship's ladder stairway, is added to read as follows:

An interior fire escape stairway may serve as an exit from an area not to exceed 200 square feet. The pitch of the stairway shall not exceed 60 degrees with a minimum width of 24 inches. Treads shall be not less than 4 inches in width and the rise between treads shall not exceed 10 inches. An approved handrail shall be provided on each side.

Section R313 Automatic fire sprinkler systems, delete entire section

Section R601.2 Requirements, is amended to read as follows:

Wall construction shall be capable of accommodating all loads imposed according to Section 301 and of transmitting the resulting loads to the supporting structural elements. All tables and Applicability Limits in this chapter that use roof live load less than 50 psf or ground snow load of 70 psf or less are hereby unusable for design in this jurisdiction.

Section R602.10.8.2 Connections to roof framing Item 1, is amended to read as follows:

For SDC A, B and C and wind speeds less than 100 miles per hour (45 m/s), where the distance from the top of the rafters or roof trusses and perpendicular top plates is 15.25 inches (387mm) or less, the rafters or roof trusses shall be connected to the top plates of braced wall lines in accordance with Table 602.3(1) and with blocking in accordance with Figure R602.10.8.2(1). Blocking shall be attached to top plate per Table 602.3(1).

Section R703.7.3 Lintels, is amended to read as

Masonry veneer shall not support any vertical load other than the dead load of the veneer above. Veneer above openings shall be supported on lintels of noncombustible materials. The lintels shall have a length of bearing not less than 4 inches (102mm). Steel lintels over openings or steel lintels that are less than 4 inches (102mm) above finished grade shall be shop coated with a rust-inhibitive paint, except for lintels made of corrosion resistance steel or steel treated with coating to provide corrosion resistance. Construction of openings shall comply with either Section R703.7.3.1 or 703.7.3.2.

Section R801.2 Requirements, is amended to read as follows:

Roof and ceiling construction shall be capable of accommodating all loads imposed according to Section 301 and of transmitting the resulting loads to the supporting structural elements. All Tables and Applicability Limits in this chapter that use roof live load less than 50 psf or ground snow load of 70 psf or less are hereby unusable for design in this jurisdiction.

Section R1004.4 Unvented gas log heaters, is hereby deleted.

Chapter 11 Energy Efficiency. Delete this chapter in its entirety and replace with: All buildings governed by the IRC shall comply with the 2009 Energy Conservation Code Chapter 4.

Section G2406.2 (303.3) Prohibited locations. Exception 3, is hereby deleted.

Section G2406.2 (303.3) Prohibited locations. Exception 4, is hereby deleted.

Section G2406.2 (303.7) Liquid propane gas appliance in a pit or basement, is added to read as follows:

Liquefied petroleum gas-burning appliances shall not be installed in a pit, basement or similar location where heavier-than-air gas might collect, unless the following conditions are met:

1. There shall be installed a listed gas detector that is interlocked to a listed solenoid valve located so as to shut off the supply of gas to the building in the event of an alarm.
2. There shall be installed an exhaust system for the purpose of removing unburned gases. The exhaust system shall be interlocked to the gas detector so as to operate automatically in the event of an alarm. The exhaust system shall provide a minimum of four (4) air changes per hour, and the exhaust intake shall be located within 6 inches of the floor.

Section G2415.10, Minimum burial depth, is amended by the addition of the following:

"All plastic fuel gas piping shall be installed a minimum of 18 inches (457 mm) below grade."

Section G2420.5.3 (409.5.3) Located at manifold, is hereby deleted.

Section G2433 (603) Log Lighters, is hereby deleted.

Section G2445.2 (621.2) Prohibited use, is amended to read as follows:

Unvented room heaters are not to be installed in dwelling units.

Section G2445.7 (621.7) Unvented decorative room heaters, is hereby deleted.

Section G2445.7.1 (621.7.1) Ventless firebox enclosures, is hereby deleted.

Section P2604.2 Water service installation, is amended to read as follows:

Water service pipe and the building sewer shall be separated as required by policy established by jurisdiction. No exceptions.

Section E3401.1 Applicability, is National Electric Code currently adopted by State of Colorado.

Chapter 44 REFERENCED STANDARDS, ICC 400-2012 Standard on the Design and Construction of Log Structures, is hereby amended to read:

Where the standard provides satisfactory information for construction of log structures, Section 305.4 Thermal mass effect of log walls shall be evaluated in accordance with IECC Section R402.2.5 Mass walls or similar provisions in ICC 400-2007.

Appendix Q Tiny Houses from the 2018 International Residential Code

TINY HOUSES

(The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.)

SECTION AQ101

GENERAL

AQ101.1 Scope. This appendix shall be applicable to *tiny houses* used as single *dwelling units*. *Tiny houses* shall comply with the *International Residential Code* except as otherwise stated in this appendix.

SECTION AQ102

DEFINITIONS

AQ102.1 General. The following words and terms shall, for the purposes of this appendix, have the meanings shown herein. Refer to Chapter 2 of the *International Residential Code* for general definitions.

EGRESS ROOF ACCESS WINDOW. A skylight or roof window designed and installed to satisfy the *emergency escape and rescue opening* requirements in Section R310.2.

LANDING PLATFORM. A landing measuring two treads deep and two risers tall, provided as the top step of a stairway accessing a *loft*.

LOFT. Any floor level located above the main floor and open to it on at least one side, with a *ceiling height* less than 6 feet 8 inches (2032 mm), complying with the area, access, and guard requirements of Section AV104, and used as a living or sleeping space.

TINY HOUSE. A *dwelling* which is 400 or less square feet (37 m²) in floor area excluding *lofts*.

SECTION AQ103 CEILING HEIGHT

AQ103.1 Minimum ceiling height. *Habitable space* and hallways in *tiny houses* shall have a *ceiling height* not less than 6 feet 8 inches (2032 mm). Bathrooms, toilet rooms, and kitchens shall have a *ceiling height* not less than 6 feet 4 inches (1930 mm). No obstructions shall extend below these minimum ceiling heights including beams, girders, ducts, lighting, or other obstructions.

Exception: *Ceiling heights* in *lofts* are permitted to be less than 6 foot 8 inches (2032 mm).

SECTION AQ104 LOFTS

AQ104.1 Minimum loft areas. *Lofts* used as a sleeping or living space shall meet the minimum area and dimension requirements of Sections AV104.1.1 through AV104.1.3.

AQ104.1.1 Minimum area. *Lofts* shall have a floor area of not less than 35 square feet (3.25 m²)

AQ104.1.2 Minimum dimensions. *Lofts* shall be not less than 5 feet (1524 mm) in any horizontal dimension.

AQ104.1.3 Height effect on loft area. Portions of a *loft* with a sloping ceiling measuring less than 3 feet (914 mm) from the finished floor to the finished ceiling shall not be considered as contributing to the minimum required area for the loft.

Exception: Under gable roofs with a minimum slope of 6:12, portions of a *loft* with a sloping ceiling measuring less than 16 inches (406 mm) from the finished floor to the finished ceiling shall not be considered as contributing to the minimum required area for the loft.

AQ104.2 Loft access. The access to and primary egress from *lofts* shall be of any type described in Sections AV104.2.1 through AV104.2.4

AQ104.2.1 Stairways. Stairways accessing *lofts* shall comply with this code or with Sections AV104.2.1.1 through AV104.2.1.5

AQ104.2.1.1 Width. Stairways accessing a *loft* shall not be less than 17 inches (432 mm) in clear width at all points at or above the permitted handrail height. The minimum width below the handrail shall not be less than 20 inches (508 mm).

AQ104.2.1.2 Headroom. The headroom in stairways accessing a *loft* shall not be less than 6 feet 2 inches (1880 mm) measured vertically from the sloped line connecting the tread nosings in the middle of the tread width.

Exception: The headroom for *landing platforms* shall not be less than 4 feet 6 inches (1372 mm).

AQ.104.2.1.3 Treads and Risers. Risers for stairs accessing a *loft* shall be a minimum of 7 inches (178 mm) and a maximum of 12 inches (305 mm). Tread depth and riser height shall be calculated with the following formulas:

Tread depth = 20 inches (508 mm) minus $\frac{4}{3}$ riser height

OR

Riser height = 15 inches (381 mm) minus $\frac{3}{4}$ tread depth

Exception: *Landing platforms* shall measure two treads deep and two risers tall.

AQ104.2.1.4 Handrails. Handrails shall comply with Section R311.7.8.

AQ104.2.1.5 Stairway guards. *Guards* at open sides of stairways shall comply with Section R312.1.

AQ104.2.2 Ladders. Ladders accessing *lofts* shall comply with Sections AV104.2.2.1 and AV104.2.2.2

AQ104.2.2.1 Size and capacity. Ladders accessing *lofts* shall have 12 inches (305 mm) minimum rung width and 10 inches (254 mm) to 14 inch (356 mm) spacing between rungs. Ladders shall be capable of supporting a 200 pound (75 kg) load on any rung. Rung spacing shall be uniform within $\frac{3}{8}$ -inch (9.5 mm).

AQ104.2.2.2 Incline. Ladders shall be installed at 70 to 80 degrees from horizontal.

AQ104.2.3 Alternating tread devices. *Alternating tread devices* accessing *lofts* shall comply with Sections R311.7.11.1 and R311.7.11.2. The clear width at and below the handrails shall be not less than 20 inches (508 mm).

AQ104.2.4 Ships ladders. *Ships ladders* accessing *lofts* shall comply with Sections R311.7.12.1 and R311.7.12.2. The clear width at and below the handrails shall be not less than 20 inches (508 mm).

AQ104.3 Loft guards. Loft *guards* shall be located along the open side(s) of *lofts* located more than 30 inches (762 mm) above the main floor. Loft *guards* shall be not less than 36 inches (914 mm) in height or one-half the clear height to the ceiling, whichever is less.

SECTION AQ105

EMERGENCY ESCAPE AND RESCUE OPENINGS

AQ105.1 General. *Tiny houses* shall meet the requirements of Section R310 for *emergency escape and rescue openings*.

Exception: *Egress roof access windows* in *lofts* used as sleeping rooms shall be deemed to meet the requirements of Section R310 where installed with the bottom of their opening no more than 44 inches (1118 mm) above the loft floor.

C. International Existing Building Code Adoption

"There is hereby adopted by the Town of Hayden, for the purpose of providing minimum life safety requirements for all existing buildings within the Town that undergo alteration or a change in use, that certain code known as the International Existing Building Code, 2015 Edition, published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills IL, 60478 . The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section". This adoption is subject to the amendments set forth herein.

International Existing Building Code Amendments.

The International Existing Building Code, 2015 Edition, is amended as follows:

The following sections and paragraphs or subparagraphs of the 2015 International Existing Building Code are hereby amended or deleted as follows:

Section 103.1 General, is amended to read as follows:

The Building Department is hereby created and the official in charge shall be known as the Building Official. Building Official shall be synonymous with code official in all other references in this code.

D. Uniform Code for the Abatement of Dangerous Buildings Adoption.

"There is hereby adopted by the Town, for the purposes of providing a just, equitable and practical method, to be cumulative with and in addition to any other remedy available by law whereby buildings or structures in the Town which from any cause endanger the life, limb, health, property, safety or welfare of the general public or their occupants may be required to be repaired, vacated, or demolished, that certain code known as the Uniform Code for the Abatement of Dangerous Building, 1997 Edition, published by the International Code Council, 500 New Jersey Avenue, NW, 6th Floor, Washington D.C. 20001. The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section."

E. National Electrical Code Adoption.

"There is hereby adopted by the Town of Hayden, for the purpose of regulating the installation and use of electric conductors and equipment within the Town, that certain code known as the National Electric Code, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269. The Code, Edition as currently adopted by the State of Colorado, State Electrical Board".

F. International Mechanical Code Adoption.

"There is hereby adopted by the Town of Hayden, for the purpose of regulating and controlling the design, construction, installation, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of heating, ventilating, cooling, refrigeration systems, incinerators and other miscellaneous heat-producing appliances in the Town, that certain code known as the International Mechanical Code, 2015 Edition; published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills IL, 60478. The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section." This adoption is subject to the amendments set forth herein.

International Mechanical Code Amendments

The International Mechanical Code, 2015 Edition, is amended as follows:

The following sections and paragraphs or subparagraphs of the 2015 International Mechanical Code are hereby amended or deleted as follows:

Section 103.1 General, is amended to read as follows:

The Building Department is hereby created and the official in charge shall be known as the Building Official. Building Official shall be synonymous with code official in all other references in this code.

Section 106.5.2 Fee schedule, is amended by adding a second paragraph to read as follows:

The fee for each permit shall be as set forth in the latest adopted fee schedule as adopted by the Town of Hayden.

Section 303.3 Prohibited locations, a second paragraph is added to read as follows:

Liquefied petroleum gas-burning appliances shall not be installed in a pit, basement or similar location where heavier-than-air gas might collect, unless the following conditions are met:

1. There shall be installed a listed gas detector that is interlocked to a listed solenoid valve located so as to shut off the supply of gas to the building in the event of an alarm.
2. There shall be installed an exhaust system for the purpose of removing unburned gases. The exhaust system shall be interlocked to the gas detector so as to operate automatically in the event of an alarm. The exhaust system shall provide a minimum of four (4) air changes per hour, and the exhaust intake shall be located within 6 inches of the floor.

Section 903.3 Unvented gas log heaters, delete.

G. International Plumbing Code Adoption.

"There is hereby adopted by the Town of Hayden, for the purpose of regulating and controlling design, construction, installation, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of any plumbing system within the Town, that certain code known as the International Plumbing Code, 2015 Edition, including Appendices B, C, D, E, published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills IL, 60478. The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section". This adoption is subject to the amendments set forth herein.

International Plumbing Code Amendments and Deletions.

The International Plumbing Code, 2015 Edition, is amended as follows:

The following sections and paragraphs or subparagraphs of the 2015 International Plumbing Code are hereby amended or deleted as follows:

Section 103.1 General, is amended to read as follows:

The Building Department is hereby created and the official in charge shall be known as the Building Official. Building Official shall be synonymous with code official in all other references in this code.

Section 106.6.2 Fee schedule, is amended by adding a second paragraph to read as follows:

The fee for each permit shall be as set forth in the latest adopted fee schedule as adopted by the Town of Hayden.

Section 107.2 Required inspections and testing, Item 1, is amended to read as follows:

1. Underground inspection shall be made in accordance with the specifications of the jurisdiction and before any backfill is put in place. Underground inspections of the water service pipe and building sewer shall be performed by the jurisdiction.

Section 1003.4 Oil separators required, is amended to read as follows:

At any building providing access to motor vehicles, repair garages, car washing facilities, and where oily or flammable liquid wastes are produced or stored and in hydraulic elevator pits, separators shall be installed into which water that may contain heavy solids, oil-bearing, grease-bearing or flammable wastes shall be discharged before emptying in the building drainage system or other point of disposal. Sand and oil interceptors shall be designed and located so as to be provided with ready access for cleaning. Location within a building will require a vapor tight cover.

Exception: Private garages attached to a dwelling or townhome.

Section 1003.4.2 Oil separator design is amended to read as follows:

Sand and oil separators shall be designed in accordance with 1003.4.2.1.

Section 1003.4.2.1 General Design Requirements, is amended to read as follows:

Sand and oil separators shall have a depth of not less than 2 feet (610 mm) below the invert of the discharge drain. The outlet opening of the separator shall have not less than

an 18-inch (457 mm) water seal. The inlet shall extend to a minimum of 6-inches (152 mm) below the water level of the interceptor. Sand and oil separators shall have a minimum capacity of 6 cubic feet (0.168 m³) for the first 100 square feet (9.3 m²) of area to be drained, plus 1 cubic foot (0.028 m³) for each additional 100 square feet (9.3 m²) of area to be drained into the separator.

Section 1003.4.2.2 Garages and service stations, is hereby deleted.

H. International Fuel Gas Code Adoption.

“There is hereby adopted by the Town of Hayden, for the purpose of regulating and controlling the installation of fuel-gas piping systems, fuel-gas utilization equipment and related accessories within the Town, that certain code known as the International Fuel Gas Code, 2015 Edition, published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills IL, 60478. The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section”. This adoption is subject to the amendments set forth herein.

International Fuel Gas Code Amendments and Deletions.

The International Plumbing Code, 2015 Edition, is amended as follows:

The following sections and paragraphs or subparagraphs of the 2015 International Fuel Gas Code are hereby amended or deleted as follows:

Section 103.1 General, is amended to read as follows:

The Building Department is hereby created and the official in charge shall be known as the Building Official. Building Official shall be synonymous with code official in all other references in this code.

Section 106.5.2 Fee schedule, is amended by adding a second paragraph to read as follows:

The fee for each permit shall be as set forth in the latest adopted fee schedule as adopted by the Town of Hayden.

Section 303.3, Prohibited locations, Exception 3, delete.

Section 303.3, Prohibited locations, Exception 4, delete.

Section 303.3, Prohibited locations, a second paragraph is added to read as follows:

Liquefied petroleum gas-burning appliances shall not be installed in a pit, basement or similar location where heavier-than-air gas might collect, unless the following conditions are met:

1. There shall be installed a listed gas detector that is interlocked to a listed solenoid valve located so as to shut off the supply of gas to the building in the event of an alarm.
2. There shall be installed an exhaust system for the purpose of removing unburned gases. The exhaust system shall be interlocked to the gas detector so as to operate automatically in the event of an alarm. The exhaust system shall provide a minimum of four (4) air changes per hour, and the exhaust intake shall be located within 6 inches of the floor.

Section 404.10, Minimum burial depth, is amended by the addition of the following:

"All plastic fuel gas piping shall be installed a minimum of 18 inches (457 mm) below grade."

Section 603 Log Lighters, delete.

Section 621.2 Prohibited use, is amended to read as follows:

Unvented room heaters are not to be installed in dwelling units.

Section 621.7 Unvented decorative room heaters, is hereby deleted.

Section 621.7.1 Ventless firebox enclosures, is hereby deleted.

I. International Energy Conservation Code Adoption

"There is hereby adopted by the Town of Hayden, for the purpose of providing minimum standards for the effective use of energy, that certain code known as the International Energy Conservation Code, 2009 Edition, published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills IL, 60478. The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section." This adoption is subject to the amendments set forth herein.

The following sections and paragraphs or subparagraphs of the 2009 International Energy Conservation Code are hereby amended or deleted as follows:

(1) **International Energy Conservation Code** is amended by replacing all references to "International Fire Code" with "adopted fire code".

(2) **International Energy Conservation Code** is amended by replacing all references to "ICC Electrical Code" with "National Electrical Code" as adopted by the State of Colorado.

(3) International Energy Conservation Code Section 101.1 (Title) is amended by the addition of the term "Town of Hayden" where indicated.

Section 2: Severability. If any part or parts, sentence, clause or phrase of this ordinance is for any reason held to be invalid, such decision shall not affect the validity of the remaining portion of the Ordinance.

Section 3: Effective Date. This ordinance shall be in full force with an effective of January 1st, 2019.

Section 4. Public Hearing.

INTRODUCED, READ, AND ORDERED PUBLISHED PURSUANT TO SECTION 3-3 (d) OF THE HAYDEN HOME RULE CHARTER, BY THE TOWN COUNCIL OF THE TOWN OF HAYDEN, COLORADO, UPON A MOTION DULY MADE, SECONDED AND PASSED AT ITS REGULAR MEETING HELD AT THE TOWN OF HAYDEN, ON THE 8th DAY OF OCTOBER 2018.

James M. Haskins, Mayor

ATTEST

Sharon Johnson, Town Clerk

FINALLY ADOPTED, PASSED, APPROVED, AND ORDERED PUBLISHED PURSUANT TO SECTION 3-3 (h) OF THE HAYDEN HOME RULE CHARTER, BY THE TOWN COUNCIL OF THE TOWN OF HAYDEN, COLORADO, UPON A MOTION DULY MADE, SECONDED AND PASSED AT ITS REGULAR MEETING HELD AT THE TOWN OF HAYDEN, ON THE 25th DAY OF OCTOBER 2018.

James M. Haskins, Mayor

ATTEST

Sharon Johnson, Town Clerk