



Proudly Serving Rural Routt County * City of Steamboat Springs * Town of Hayden * Town of Oak Creek * Town of Yampa * Routt County School Districts

Policy: 2018 ICC Building Code Adoption Seismic Category C

Date: 02/23/2021

The Routt County Regional Building Department has composed a Seismic Design Category C Policy to provide our Professionals with clear information on the adoption of the 2018 ICC International Residential Building Code and the 2018 ICC International Building Code respectively.

Through our Code Adoption Processes within each Jurisdiction including; Routt County, Town of Hayden, Town of Yampa, Town of Oak Creek, and City of Steamboat Springs it was voted and approved that all of Routt County will be considered a Seismic Design Category C in respect to both the IRC and IBC Design standards. No Jurisdictions in Routt County have Adopted nor Accepted the Seismic Design Category D designation that is showing in the 2018 IRC in Figure R301.2(2), nor have we adopted or accepted ASCE 7-16 Design Code Reference Document that will display properties as Seismic Category D designation in certain areas. Please note, both the IRC Map and ASCE 7-16 will display certain properties as a Seismic Design Category D, the map in the 2018 IRC has a dark circle displaying this Seismic Category D designation that is centered over the City of Steamboat Springs, and extends outward into Rural Routt County approximately 17 mile total radius. When working within ASCE 7-16 using web link <https://seismicmaps.org/> You will find that properties located in the Town of Oak as an example, would be identified as a Seismic Design Category D designation, this would also be the case for any property you pulled up within the City of Steamboat Springs as well as an example. However, the Routt County Regional Building Department and all Jurisdictions we serve voted this down, and we refused to accept the Seismic Design Category D designation throughout all of Routt County.

Routt County Regional Building Department 2018 IBC Policy Amendment to Section 1613:

2018 IBC Section 1613 Earthquake Loads is hereby amended to read as follows:

1613.1 Scope. Every structure, and portion thereof, including nonstructural components that are permanently attached to structures and their supports and attachments, shall be designed and constructed to resist the effects of earthquake motion and accordance with ASCE 7, excluding Chapter 14 and Appendix 11A. The seismic design category for a structure is permitted to be determined in accordance with Section 1613 or ASCE 7.

Exceptions:

1. Detached one- and two-family dwellings, assigned to Seismic Design Category A, B or C, or located where the mapped short-period spectral response acceleration, S_s , is less than 0.4 g.
2. The seismic force-resisting system of wood-frame buildings that conform to the provisions of Section 2308 are not required to be analyzed as specified in this section.

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3. Agricultural storage structures intended only for incidental human occupancy.
4. Structures that require special consideration of their response characteristics and environment that are not addressed by this code or ASCE 7 and for which other regulations provide seismic criteria, such as vehicular bridges, electrical transmission towers, hydraulic structures, buried utility lines and their appurtenances and nuclear reactors.

Routt County Building Department Local Policy Amendment to Section 1613 Earth quake Loads: All properties within Routt County Incorporated and Unincorporated Jurisdictions have been adopted and approved to be a Seismic Design Category C designation through our Building Code Adoption Approval Processes. Structures shall be designed in accordance with our local amendment policy using a Seismic Design Category C designation as the base level design standard. When approved by the Structural Engineer of Record through review of the Geotechnical Soils Report and Soils Site Class, the Seismic Category may be reduced by the Engineer of Record based on the known Soils Site Class and in accordance with ASCE-7 and Chapter 16 of the IBC.

Structural Engineers Acceptable Design Parameters Local Routt County Building Department Policy: The Routt County Building Department has developed these design parameters to align with our Local Code Adoptions that were approved designating all of Routt County a Seismic Design Category C. This Policy has been created to provide maximum values for SDS and SD1 respectively to be used in the mapped areas throughout Routt County that have been designated Seismic Category D in accordance ASCE 7-16 USGS Seismic Design Data Map found at <https://seismicmaps.org/>. The parameters below may be used by Structural Engineers based on the Risk Factor of the Building to perform calculations to determine structural designs. The below parameters may be used with Site Class D- Default (See Section 11.4.3) being set on the ASCE 7-16 USGS Seismic Design Data Map found at <https://seismicmaps.org/>. Lower values may be used if justified by soil Site Class and resulting site-specific ground motion parameters set forth in ASCE 7-16 and USGS Seismic Design Data Map and approved by the Code Official.

- **Risk Category I, II, and III Building: SDS = 0.333 and SD1 = 0.133**
- **Risk Category IV Building: SDS = 0.499 and SD1 = 0.199**

The intent of setting these parameters and values is to help support Structural Engineers in designing buildings within the spirit of our Locally Approved Code Adoptions designating a standard Seismic Design Category C throughout all of Routt County, to avoid conflicts in what data would otherwise be provided through ASCE 7-16 USGS Seismic Design Data Map found at <https://seismicmaps.org/>.

Routt County Regional Building Department 2018 IRC Code Adoption

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

- Ground Snow Load – Case Study Area contact the Building Department for Ground Snow Load Valuations per site.
- Climate Zone 7
- Wind Speed – 115 MPH (ultimate design wind speed)
- Topographic Effects – No
- Seismic Design Category – C Note: When approved by the Structural Engineer of Record through review of the Geotechnical Soils Report and Soils Site Class, the Seismic Category may be reduced

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by the Engineer of Record based on the known Soils Site Class and in accordance with ASCE-7 and Chapter 16 of the IBC.

- Subject to Damage by Weathering – Severe
- Subject to Damage by Frost line Depth – 48 inches (1220mm)
- Subject to Damage by Termite – None to slight
- Subject to Damage by Decay – None to slight
- Winter Design:
 - Outdoor Winter Design Dry-Bulb Temperature – -15°F (-26°C)
 - Indoor Winter Design Dry-Bulb Temperature: 70° F (21° C)
 - Coincident Wet Bulb: 56° F (13° C)
 - Heating temperature Difference: 85° F (29° C)
- Summer Design:
 - Outdoor Summer Design Dry-Bulb Temperature: 85° F (29° C)
 - Indoor Summer Design Dry-Bulb Temperature: 75° F (24° C)
 - Design Grains: Varies based on weather data Range: -35 to -55
 - Cooling Temperature Difference: 10° F (-12° C)
- Elevation: Varies Elevation by address can be found at:
https://elevation.maplogs.com/poi/routt_county_co_usa.12879.html
- Altitude Correction: Varies
 - 7,000' 0.77
 - 8,000' 0.75
 - 9,000' 0.72
 - 10,000' 0.69
 - 12,000' 0.63
- Latitude : 40° North
- 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)
- Ground Snow Load Values are Governed by Routt County Regional Building Department based on geographic location. Please visit our home page and click on Ground Snow Load Values for site-specific information.

Sincerely,



Todd Carr, Building Official
Routt County Building Department

Routt County Regional Building Department

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Policy: 2018 ICC Building Code Adoption ICC 400 Log Homes

Date: 12/22/2020

The Routt County Regional Building Department has developed this Policy to identify the adoption of the 2017 ICC 400 Standard on the Design and Construction of Log Structures. This Policy makes it clear we accept the design of Log Structures to be done under the 2017 ICC 400, versus our Code Adoption states use of the 2007 ICC 400.

Chapter 44 REFERENCED STANDARDS, ICC 400-2017 Standard on the Design and Construction of Log Structures, is hereby amended to read as follows:

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 400-2017.

Sincerely,

A handwritten signature in black ink that reads "Todd Carr".

Todd Carr, Building Official
Routt County Building Department

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Blower Door Policy on Sampling Testing for New Construction on Multi-Family Dwelling Complexes for Apartments or Condominiums

Policy Effective Date: 01/01/2019

The Routt County Regional Building Department has enacted a policy that will allow the Owner/Applicant to Perform the Blower Door Test per the 2015 IECC on only 25% of the total number of dwelling units within one Building, for all apartments or condominiums that have more than five units within one building. The below process must be done and completed in order to meet the requirements of this Policy, if the below requirements are not met than the Owner/Applicant is responsible to perform the Blower Door Test Per the 2015 IECC on all dwelling units within the building.

Policy Requirements:

- 1. The Owner/Applicant must test at minimum 25% of the total number of dwelling units within the building.**
- 2. The Building Department Staff will select the units that need to be tested, and inform the Owner/Applicant which units have been selected to be tested.**
- 3. The Owner/Applicant is responsible to have these specific units tested, and furnish the test results per unit to the Building Department per the requirements of the 2015 IECC to prove the units tested in accordance.**
- 4. The Test Results must be provided to the Routt County Regional Building Department, the Test shall only be performed by those professionals that meet our certification requirements attached to this Policy.**

Default Agreement to this Policy:

If any of the selected dwelling units out of the 25% shall fail on the first test attempt, then this Policy is no longer valid and is voided. The Owner/Applicant must then have a Blower Door Test completed on all of the dwelling units within this Building, and provide documentation and testing reports on all dwelling units to the Routt County Regional Building Department.

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Please take time to read the attached informational handout on who can perform Blower Door Testing and the required certifications the tester must possess in order to perform this test and furnish the report to the Routt County Regional Building Department.

Sincerely,

A handwritten signature in cursive script that reads "Todd Carr".

Todd Carr, Building Official

Routt County Regional Building Department



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Permit Number(s):

Foundation-Only Building Permit Submittal Requirements

Routt County Regional Building Department can approve and issue Foundation-Only Building Permits, the following submittal requirements at minimum need to be submitted with your permit application. Please also refer to our Application and Plan Review Permitting Process informational handout, which will provide additional detailed information on the below requirements and contact information per the AHJ's.

Special Note Under-Slab Work: Permits for Plumbing, Mechanical, Gas, Fire Sprinklers, and Electrical work will not be allowed to be issued during a Foundation-Only Building Permit and no under-slab work shall be performed until a full Building Permit is approved and issued. The following exceptions below are allowed for Electrical and Plumbing.

Exceptions:

1. Electrical Permit for temporary construction service only may be obtained.
2. Plumbing Permit for installation of the sanitary main and/or water main(s) may be obtained, this permit will only allow the lines to enter the building under or through the footing/foundation, and no further work beyond this will be allowed or inspected.

Foundation-Only Building Permit Required Submittal and Approvals

- Completed and Approved Site Plan meeting submittal requirements from the AHJ
- Completed and Approved Utility Plan meeting submittal requirements from the AHJ
- Completed and Approved Grade and Fill Permit Application meeting submittal requirements from AHJ.
- Completed and Approved Septic System and Well Permit where applicable from AHJ.
- Full Approval from Planning and Zoning Departments or AHJ meeting all submittal requirements.
- Completed Soils Report: Soil bearing capacity, including minimum dead load requirements.
- Lateral earth pressure for basement and retaining walls. (According to the submitted soils report.)
- Roof Design Snow Load. (Snow loads vary in the Routt County Region, please contact the building department office to verify the snow load for the area where you intend to build.)
- Floor design live loads. (40 p.s.f.)
- Wind design speed (115 m.p.h. according to the IRC & IBC) and exposure (either B or C) or Risk Category exception.
- Foundation material description and specifications.
- The location and size of piles and drilled caissons.
- The location and size of footings.
- The depth of footings, piles and drilled caissons.
- The location and size of all foundation walls and piers.
- The location, size, grade, and spacing of all reinforcing steel.
- Material and fasteners specifications for wood foundation systems.
- Anchor bolt size and spacing.

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- Framing anchors and connectors to be embedded in concrete or masonry.
- Concrete and masonry beam pocket locations and sizes.
- Concrete slab thickness and reinforcement.
- The location of exterior and interior columns, beams and girders, headers and lintels.
- Construction details and material specifications for columns, beams, girders, headers and lintels.
- The location of all exterior and interior bearing and shear walls.
- Bearing and shear wall construction details and material specifications.
- Floor construction details and material specifications.
- Roof construction details and material specifications.
- Exterior deck and porch construction details and material specifications.
- Structural load calculations for the entire building including wind, snow, live and dead loads.
- Height and area calculations
- Architectural elevations and sections

Foundation-Only Building Permit Fees: Routt County Regional Building Department does not provide any fee reduction for Foundation-Only Building Permits; all applicants must provide the total project valuation that would be entered for a normal Building Permit application. Plan Review Fees must be paid prior to the Plan Review process beginning, then all Building Permit Fees must be paid for prior to the issuance of the Foundation-Only Building Permit.

IBC Section 107.3.3 Phased Approval. The building official is authorized to issue a permit for the construction of foundations or any other part of a building or structure before the construction documents for the whole building or structure have been submitted, provided that adequate information and detailed statements have been filed complying with pertinent requirements of this code. The holder of such permit for the foundation or other parts of a building or structure shall proceed at the holder’s own risk with the building operation and without assurance that a permit for the entire structure will be granted.

Foundation Plan Submittal Requirements:

The plans submitted by the applicant or professional consultant must be labeled as Foundation-Only Plans and have the Professionals Stamp/Seal on the plan set in order to be approved by the Routt County Regional Building Department.

Applicants Responsibilities and Risks:

The Foundation-Only Building Permit when issued by the Routt County Regional Building Department allows the applicant to proceed with the construction of the footings and foundation work as shown on the approved set of plans. The permit applicant understands no work beyond the foundation shall take place prior to receiving approval and issuance of a full Building Permit. The permit applicant is proceeding at their own risk with no assurance that a full Building Permit will be granted. Any changes, alterations, or addendums that are submitted or required to the building plans after the issuance of the Foundation-Only Building Permit could potentially affect the pre-approved work area. Any necessary changes or alterations to the existing foundation work will be the applicant’s responsibility to complete in accordance with the new approved submitted plans.

Permit Applicant Signature: _____ Date: _____

Building Official Signature: _____ Date: _____

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Routt County Building Department Residential Private Garage Floor Drain Policy

Date: 04/01/2020

Subject: Residential Private Garage Floor Drain Policy per Jurisdiction

The Routt County Building Department has developed the following Policies that are effective on all New Permits submitted to the Building Department as of April 1st, 2020. This Policy outlines the regulations per Jurisdiction on private residential garage floor drains throughout Routt County, please take time to review each specific Jurisdiction Requirements for Garage Floor Drains.

City of Steamboat Springs and Mount Werner Water and Sanitation District Policy

Effective Date: 04/01/2020 for all new submitted permits

- **Garage Floor Drains are not allowed to be Day-lighted when working within the City of Steamboat Springs.**
- **All Garage Floor Drains must be connected to the Building Sanitary Drain System, or be installed in accordance with the Building and Plumbing Codes effective at the time of Permit Issuance.**
- **Plant Investment Fees are applicable and must be paid to the Jurisdiction Having Authority over the Water and Sanitation System.**

Option 1: SECTION R309 GARAGES AND CARPORTS

- **R309.1 Floor surface. Garage floor surfaces shall be of approved noncombustible material. The area of floor used for parking of automobiles or other vehicles shall be sloped to facilitate the movement of liquids to a drain or toward the main vehicle entry doorway.**

Option 2: Install a Floor Drain and Connect to the Building Sanitary Drain System

- **You may choose to install a Floor Drain within the Garage, if you choose this pathway to compliance then you must Install the Floor Drain per the Adopted Building/Plumbing Code and connect it to the main Building Drain System. PIF fees must be paid to the Jurisdiction Having Authority and the drains shall be shown on the Floor Plans for review. The Building Department will perform all Plumbing Inspections as we do for the rest of the Building.**

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Town of Yampa District Policy

Effective Date: 04/01/2020 for all new submitted permits

- Garage Floor Drains are not allowed to be Day-lighted when working within the Town of Yampa.
- All Garage Floor Drains must be connected to the Building Sanitary Drain System, or be installed in accordance with the Building and Plumbing Codes effective at the time of Permit Issuance.
- Plant Investment Fees are applicable and must be paid to the Jurisdiction Having Authority over the Water and Sanitation System.

Option 1: SECTION R309 GARAGES AND CARPORTS

- **R309.1 Floor surface.** Garage floor surfaces shall be of approved noncombustible material. The area of floor used for parking of automobiles or other vehicles shall be sloped to facilitate the movement of liquids to a drain or toward the main vehicle entry doorway.

Option 2: Install a Floor Drain and Connect to the Building Sanitary Drain System

- You may choose to install a Floor Drain within the Garage, if you choose this pathway to compliance then you must Install the Floor Drain per the Adopted Building/Plumbing Code and connect it to the main Building Drain System. PIF fees must be paid to the Jurisdiction Having Authority and the drains shall be shown on the Floor Plans for review. The Building Department will perform all Plumbing Inspections as we do for the rest of the Building.

Town of Oak Creek District Policy

Effective Date: 04/01/2020 for all new submitted permits

- Garage Floor Drains can be installed and connected to the Building Sanitary Drain System, or they may be Day-Lighted. See below regulations applicable to each option.

Option 1: Connected to the Building Sanitary System Regulations

- Floor Drains connected to the Building Sanitary Drain System must be installed in accordance with the Building and Plumbing Codes effective at the time of Permit Issuance.
- Plant Investment Fees if applicable and must be paid to the Jurisdiction Having Authority over the Water and Sanitation System.
- The Town of Oak Creek Regulations require all private residential garage floor drains to have a Sand/Oil Separator installed within the drain system prior to discharge to the main sanitary line.

Option 2: Sloped Garage Floor per Building Code

- **R309.1 Floor surface.** Garage floor surfaces shall be of approved noncombustible material. The area of floor used for parking of automobiles or other vehicles shall be sloped to facilitate the movement of liquids to a drain or toward the main vehicle entry doorway.

Option 3: Install a Garage Floor Drain System to Daylight

- The Town of Oak Creek will allow you to install a Garage Floor Drain and Daylight this pipe, however the Town Regulations will required you to install a Sand/Oil Separator in line prior to

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the discharge pipe exiting the building. The Town of Oak Creek will be responsible for all installation requirements and inspections on this type of Floor Drain Installation including all drain pipe, materials, joints, depths of pipe installation, and the installation of the Sand/Oil Separator as well.

- The Building Department will only inspect and require the garage floor to be properly sloped to the floor drain(s) installed within the garage floor. No Plumbing Inspections will be done by the Building Department.

Town of Hayden District Policy

Effective Date: 04/01/2020 for all new submitted permits

- The Town of Hayden will not allow Private Residential Garage Floor Drains to be connected to the Sanitary System, all private residential garage floor drains must be day-lighted inside the Town of Hayden.
- All Contractors must contact the Town of Hayden Public Works Department for approval on the location of the day-lighted garage floor drain pipe in terms of where this pipe will be allowed to run underground, and where the pipe will be allowed to be day-lighted as well.
- Routt County Building Department: The Building Department would only inspect and require the garage floor to be properly sloped to the floor drain(s) installed within the garage floor. No Plumbing Inspections will be done by the Building Department.

Rural Un-Incorporated Routt County District Policy

Effective Date: 04/01/2020 for all new submitted permits

- Garage Floor Drains can be installed and connected to the Building Sanitary Drain System, or they may be day-lighted. See below regulations applicable to each option.

Option 1: Connected to the Building Sanitary System Regulations

- Floor Drains connected to the Building Sanitary Drain System must be installed in accordance with the Building and Plumbing Codes effective at the time of Permit Issuance.

Option 2: Sloped Garage Floor per Building Code

- R309.1 Floor surface. Garage floor surfaces shall be of approved noncombustible material. The area of floor used for parking of automobiles or other vehicles shall be sloped to facilitate the movement of liquids to a drain or toward the main vehicle entry doorway.

Option 3: Floor Drains can be Day-lighted to the Exterior

- Routt County Building Department: The Building Department would only inspect and require the garage floor to be properly sloped to the floor drain(s) installed within the garage floor. No Plumbing Inspections will be done by the Building Department.

Note: The Garage Floor Drain piping must be installed independent of all other piping systems when day-lighted and is not allowed to be connected to the Foundation Drain piping on all projects.

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STATE OF COLORADO)
) ss.
COUNTY OF ROUTT)

RESOLUTION NO. 2020-

A RESOLUTION RESTATING AND AMENDING CURRENTLY EFFECTIVE BUILDING CODES PREVIOUSLY ADOPTED BY ROUTT COUNTY

RECITALS

A. Acting pursuant to C.R.S. § 30-28-201, the Board of County Commissioners of Routt County (hereinafter referred to as the “Board”) has heretofore adopted the following:

- International Building Code
- International Residential Code, including Appendix Chapters B, C, E, F, & Q
- International Existing Building Code
- International Property Maintenance Code
- National Electrical Code
- International Code Council Electrical Code, Administrative Provisions
- International Mechanical Code
- International Plumbing Code, including Appendix Chapters , B, C, & D
- International Fuel Gas Code
- International Energy Conservation Code

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

- B. Pursuant to C.R.S. § 30-28-204, the Board may alter and amend any county building code by resolution after a public hearing, notice of such hearing shall be given by at least one publication in a newspaper of general circulation in the county at least fourteen days prior to said public hearing; and
- C. Notice of the public hearing was published in the Steamboat Pilot on Wednesday December 9th, 2020 and the required public hearing before the board was held on Tuesday December 15th, 2020, all in accordance with C.R.S. § 30-28-204; and
- D. The Board finds that the fees set forth in County Resolution No. 2015-041 are reasonable and necessary to cover the expected normal costs of plan review and inspection associated with the permits in question; and
- E. The Routt County Regional Building Department Oversight Committee has reviewed and recommended the adoption of the amendments set forth herein; and
- F. The Board wishes to restate the adoption of current Building Codes and amend such codes as deemed necessary in the interest of public health, welfare, and safety.

NOW, THEREFORE, be it resolved by the Board as follows:

1. Amendment and Restatement of Existing Codes. The currently effective building codes adopted by County Resolution 2020-053 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 Routt County (or “County”), 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 County, that certain code known as the International Building Code, 2018 Edition, including Appendix Chapters C and J, published by the International Code Council, Inc. The Code, and the whole thereof, but with the amendments and deletions set forth below, is adopted by reference thereto the same as if set forth in length in this section.

International Building Code - Amendments and Deletions.

The International Building Code, 2018 Edition, is subject to the following amendments and deletions:

Section 101.1 Title. These regulations shall be known as the Building Code of Routt County Colorado, hereinafter referred to as “this code.”

Section 103.1 Creation of Enforcement Agency, 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, Item 2, is amended to read as follows:

Building:

2. Fences not over 6' (2134 mm)

14. Agricultural Buildings: Buildings meeting the below requirements listed in Items 14.1 through 14.2 are Fully Exempt from a Building Permits.

Exemptions:

14.1: Open Sided Agricultural Buildings: Agricultural Buildings constructed with open sides and ends that do not have enclosed walls, doors, or windows within the building. The building cannot contain any sanitary connections and meets the Building Code Definition of an Agricultural Building. No Mixed-Use allowed outside of Agricultural Use.

14.2: Enclosed Agricultural Buildings under 600 Square Feet: Agricultural Buildings that are 600 Square Feet or Less that do not contain any sanitary connections and meets the Building Code Definition of a Agricultural Building. No Mixed-Use allowed outside of Agricultural Use.

15. Foundation-Only Building Permits for Enclosed Agricultural Buildings Greater than 600 Square Feet: A Foundation Only Building Permit is required on all Agricultural Buildings exceeding 600 Square Feet. The Building cannot contain any sanitary connections and meets the Building Code Definition of an Agricultural Building. No Mixed-Use allowed outside of Agricultural Use. The Building Plans must include a full structural design of all vertical and lateral loads including a roof structure that meets our local Ground Snow Load values included in the calculations and design of the footings/foundation.

15.1 - Fee Schedule for Agricultural Foundation Only Permits:

1. Building Department Permit Fee: A Permit Fee of \$150 dollars will be charged and includes the Permit Processing Fee, a Footing/Foundation Inspection and a Final Building Inspection.
2. Planning Department Review Fee: A Planning Review Fee of \$25 will be charged to review for setbacks in accordance with Planning Department Regulations.
3. County Construction Use Tax: No Fees will be charged

Section 202 Definitions, is amended to read as follows:

Agricultural Building: Buildings or structures used for the sole purpose of providing shelter for agricultural implements, farm products, livestock, poultry, hay, grain, or other horticultural products not illegal under federal or state law. The structure shall not be a place of human habitation or a place of employment where agricultural products are processed, treated or pack-aged, nor shall it be a place used by the public. The Definition does not include the below listed Non-Exemptions.

Non-Exemptions: Any combination of the below uses being introduced into an Agricultural Building will require the Owner/Contractor to apply for a Full Building Permit in accordance with all adopted codes and fee schedules.

- 1. Riding Arenas added into the Building Use mixed with Agricultural.**
- 2. Construction of any Bathrooms, Breakrooms, Kitchens, Offices, Bedrooms, Recreational Rooms, Factory or Processing Rooms, or any other uses not included in the definition.**

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 107 Submittal Documents, [A] 107.1 General, is amended to read as follows:

Submittal documents consisting of construction documents, statement of special inspections, geotechnical report and other data shall be submitted electronically with each permit application. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

Exception: The building official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

Section 109.3.1 Construction Use Tax Valuation

Construction Use Tax may be collected by the Building Department at the time of Building Permit Application submittal. A Construction Use Tax Valuation shall be provided by the permit applicant in accordance with the relevant jurisdiction's Resolution or Ordinance defining Construction Use Tax Valuation. The relevant jurisdiction may review the valuation and if it is determined that the valuation is underestimated on the application, the permit shall be denied unless the applicant can show detailed estimates to meet the approval of the relevant jurisdiction. Final Construction Use Tax Valuation shall be determined by the relevant jurisdiction.

Section 312.1.1.2 Utility and miscellaneous Group U Residential/Agricultural Mixed-Use Attached Accessory Storage to a Single Family Dwelling, is added to read as follows:

Agricultural and Greenhouse Buildings designed to be mixed use buildings in combination with Residential Accessory Storage uses that will not be used for storing large amounts of High Hay Storage, Fertilizers, Gas, Oil, or other Hazardous or Combustible products will be viewed as Attached Residential Agricultural Accessory Storage area to a Single Dwelling Unit. Buildings meeting this character use will have a reduced Fire Separation Requirement in Table 508.4 between the Residential area and the Residential/Agricultural Storage area of 1-hour for non-sprinkled buildings, and 30-minutes on sprinkled buildings.

Table 508.4, is amended to read as follows: A Group U-Occupancy meeting the Character use under Section 312.1.1.2 shall have a fire rating between the Residential Dwelling area and the combination Residential/Agricultural Storage area of 1-Hour when the building is un-sprinkled, and 30-Minutes if the building is sprinkled.

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

The fire code official shall have the authority to adopt additional standards for fire protection systems subject to applicable provisions of State statutes and home rule charter. The fire code official shall be responsible for permitting and reviewing fire sprinkler systems and fire alarm systems, in lieu of no fire code official then applicants must work directly with the State of Colorado Department of Fire Prevention.

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 2 dwelling units, 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, is hereby deleted.

Section 907.2.2 Group B, Exception, is hereby deleted.

Section 907.2.4 Group F, Exception, is hereby deleted.

Section 907.2.7 Group M, Exception 2, is hereby deleted.

Section 907.2.8.1 Manual fire alarm system, Exception 2, is hereby deleted.

Section 907.2.9.1 Group R-2, Exception 2, is hereby deleted.

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 1011.2 Width and capacity. Exception 1, is amended to read as follows:

1. Stairways serving one individual dwelling unit in Group R, Division 1 or 2, or serving Group U Occupancies may be 36 inches (914 mm) in width.

Section 1206.2 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 3202 Encroachments above grade and below 8 feet in height, is amended to read as follows:

Encroachments into the public right-of-way above grade and below 8 feet (2438 mm) in height shall be prohibited except as provided for in Section 3202.2.3. Doors and windows shall not open or project into the public right-of-way.

Section 3202.2.1 Steps, is hereby deleted.

Section 3202.2.2 Architectural features, is amended to read as follows:

Columns, pilasters, moldings, bases, belt courses, lintels, sills, architraves, pediments and similar architectural features shall not project more than 4 inches (102 mm).

Section 3202.3.1 Awnings, canopies, marquees and signs, is amended to read as follows:

Awnings, canopies, marquees and signs shall be supported entirely by the building and constructed of noncombustible materials or, when supported by a building of Type V construction, may be of one-hour fire-resistive construction. Awnings, canopies, marquees and signs shall not extend more than 4 feet (1220 mm) from the building.

Section 3202.3.3 Encroachments 15 feet or more above grade, is hereby deleted.

Appendix Section J102 Definitions. WELL is added to read as follows:

WELL. A water well.

B. International Residential Code – Adoption.

There is hereby adopted by the County, 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 County, that certain code known as the International Residential Code, 2018 Edition, including Appendix Chapters E and Q, published by the International Code Council, Inc. The Code, and the whole thereof, but with the amendments and deletions set forth below, is adopted by reference thereto the same as if set forth in length in this section.

International Residential Code – Amendments and Deletions.

Section R103.1 Creation of Enforcement Agency, 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 to read:

Building:

1. One story detached accessory structure used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11.5 m²) and wall height does not exceed 11'4" total height from finished floor to top of plate.
2. Fences not over 6' (2134 mm)

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 R106 Construction Documents is amended to read as follows:

Submittal documents consisting of construction documents, statement of special inspections, geotechnical report and other data shall be submitted electronically with each permit application. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

Exception: The building official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

Section 108.3.1 Construction Use Tax Valuation

Construction Use Tax may be collected by the Building Department at the time of Building Permit Application submittal. A Construction Use Tax Valuation shall be provided by the permit applicant in accordance with the relevant jurisdiction's Resolution or Ordinance defining Construction Use Tax Valuation. The relevant jurisdiction may review the valuation and if it is determined that the valuation is underestimated on the application, the permit shall be denied unless the applicant can show detailed estimates to meet the approval of the relevant jurisdiction. Final Construction Use Tax Valuation shall be determined by the relevant jurisdiction.

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

- Ground Snow Load – Case Study Area contact the Building Department for Ground Snow Load Valuations per site.
- Climate Zone 7
- Wind Speed – 115 MPH (ultimate design wind speed)
- Topographic Effects – No
- Seismic Design Category – C Note: When approved by the Structural Engineer of Record through review of the Geotechnical Soils Report and Soils Site Class, the Seismic Category may be reduced by the Engineer of Record based on the known Soils Site Class and in accordance with ASCE-7 and Chapter 16 of the IBC.
- Subject to Damage by Weathering – Severe
- Subject to Damage by Frost line Depth – 48 inches (1220mm)
- Subject to Damage by Termite – None to slight
- Subject to Damage by Decay – None to slight
- Winter Design:
 - Outdoor Winter Design Dry-Bulb Temperature – -15°F (-26°C)
 - Indoor Winter Design Dry-Bulb Temperature: 70° F (21° C)
 - Coincident Wet Bulb: 56° F (13° C)
 - Heating temperature Difference: 85° F (29° C)
- Summer Design:
 - Outdoor Summer Design Dry-Bulb Temperature: 85° F (29° C)
 - Indoor Summer Design Dry-Bulb Temperature: 75° F (24° C)
 - Design Grains: Varies based on weather data Range: -35 to -55
 - Cooling Temperature Difference: 10° F (-12° C)
- Elevation: Varies Elevation by address can be found at:
https://elevation.maplogs.com/poi/routt_county_co_usa.12879.html

- Altitude Correction: Varies
 - 7,000' 0.77
 - 8,000' 0.75
 - 9,000' 0.72
 - 10,000' 0.69
 - 12,000' 0.63
- Latitude : 40° North
- 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)
- Ground Snow Load Values are Governed by Routt County Regional Building Department based on geographic location. Please visit our home page and click on Ground Snow Load Values for site-specific information.

Section R311.7.8 Handrails. amended to read as follows adding exception:

Exception: A Handrail shall not be required if you have four total risers and the total vertical drop from top of treads, landing, or floor level is not greater than 30 inches measured vertically to the floor or grade below at any point within 36 inches horizontally to the edge of the open sides.

Section R313 Automatic fire sprinkler systems, is hereby deleted.

Section R325.6 Item 3 is amended to read as follows:

3. The occupiable attic space is enclosed by the roof assembly above intersecting and connecting directly to the top of the floor-ceiling assembly on the story below with a maximum vertical height on the sides from the top of finished floor-ceiling assembly to top of finished roof deck to be no more than 20” tall.

Section R408.3 Unvented Crawl Space amended to read as follows adding item 2.5

2.5 Ventilation Equipment installed under 2.1 and 2.2 may operate intermittently for a minimum of 1-hour for every 24-hour period, if exhaust only system is installed in accordance with 2.1, or when a dedicated HRV/ERV fan is installed to serve only the crawl space area under section 2.2.

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 R703.8.3 Lintels, is amended to read as follows:

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 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 R703.8.3.1 or 703.8.3.2.

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 is hereby deleted and replaced with the following:

N1101.1 Scope:

This chapter governs the design and construction of buildings for energy efficiency.

N1101.1.1 Criteria:

Buildings shall be designed and constructed in accordance with the International Energy Conservation Code Residential requirements.

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 G2406.2.1 (303.7) Liquid propane gas appliance in a pit or basement

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. A listed propane gas detector with alarm shall be installed. A listed solenoid gas valve shall be installed on the gas line that supplies all propane appliances located in the basement or pit. Upon detection of gas an alarm shall sound and the solenoid gas valve shall close.

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.

P2503.5.1 Rough Plumbing amended to read as follows:

DWV systems shall be tested on completion of the rough piping installation by water or by air, without evidence of leakage. Either test shall be applied to the drainage system in its entirety or in sections after rough-in piping has been installed, as follows:

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

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

P2503.7 Water-supply system testing amended to read as follows:

Upon completion of the water-supply system or a section of it, the system or portion completed shall be tested and proved tight under a water pressure of not less than the working pressure of the system or, by an air test of not less than 50 psi (345 kPa). This pressure shall be held for not less than 15 minutes. The water used for tests shall be obtained from a potable water source.

Section P3011 Indirect/Special Waste

P3011 Neutralizing device required for corrosive wastes.

Corrosive liquids, spent acids or other harmful chemicals that destroy or injure a drain, sewer, soil or waste pipe, or create noxious or toxic fumes or interfere with sewage treatment processes shall not be discharged into the plumbing system without being

thoroughly diluted, neutralized or treated by passing through an approved dilution or neutralizing device. Such devices shall be automatically provided with a sufficient supply of diluting water or neutralizing medium so as to make the contents noninjurious before discharge into the drainage system. The nature of the corrosive or harmful waste and the method of its treatment or dilution shall be approved prior to installation.

Section P3005.2.10 Cleanout access. Exception Added to read as follows:

Exception:

1. Access shall not be required to One (1) Sanitary Test-Tee Cleanout per building where installed below grade and within the building envelope. The Clean-Out Plug must be installed in accordance with Section 3005.6 and permanently glued prior to backfilling.

Chapter 34 General Requirements.

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 as follows:

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.

SECTION AQ106 Energy Conservation amended to add AQ106.1

AQ106.1 Tiny Homes constructed under Appendix Q shall follow Chapter 4 of the 2018 International Energy Conservation Code for Energy Code Compliance.

C. International Existing Building Code – Adoption.

There is hereby adopted by the County, for the purpose of providing minimum life safety requirements for all existing buildings within the County that undergo alteration or a change in use, that certain code known as the International Existing Building Code, 2018 Edition, published by the International Code Council, Inc. The Code, and the whole thereof, but with the amendments and deletions set forth below, is adopted by reference thereto the same as if set forth in length in this section.

International Existing Building Code - Amendments.

Section 103.1 Creation of Enforcement Agency, 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. 2018 International Property Maintenance Code .

There is hereby adopted by the County, for the purpose of providing a just, equitable and practicable method to require the repair, vacation, or demolition of buildings or structures which, from any cause, endanger the life, limb, health, property, safety or welfare of the general public or their occupants that certain code known as the 2018 International Property Maintenance Code. The adoption of this Code shall not prohibit the County from seeking remedies otherwise available by law or equity.

International Property Maintenance Code Deletions:

Chapters 3, 4, 5, 6, 7, 8, and Chapter Appendix A are hereby deleted .

E. National Electrical Code - Adoption.

There is hereby adopted by the County, for the purpose of regulating the installation and use of electric conductors and equipment within the County, that certain code known as the National Electric Code published by the National Fire Protection Association as adopted and amended by the State of Colorado. The State of Colorado adopts and amends the Code from time to time. The then-current edition that the State adopts as well as any and all amendments, is adopted by reference thereto the same as if set forth in length in this section.

F. International Code Council Electrical Code, Administrative Provisions, Adoption.

There is hereby adopted by the County, for the purpose of providing minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of electrical systems and equipment within the County, that certain code known as the International Code Council Electrical Code, Administrative Provisions, 2018 Edition, published by the International Code Council, Inc. The Code, and the whole thereof, but with the amendments and deletions set forth below, is adopted by reference thereto the same as if set forth in length in this section.

International Code Council Electrical Code, Administrative Provision – Amendments.

Section 301.1 Creation of enforcement agency, is amended to read as follows:

The Building Department is hereby created and the official in charge shall be known as the building official. The building official shall appoint an electrical inspector to assist the building department in the administration and enforcement of this code. Building official shall be synonymous with code official in all other references in this code.

Section 1201.1.1 Adoption, is amended to read as follows:

Electrical systems and equipment shall be designed and constructed in accordance with the most current electrical code adopted by the State of Colorado Electrical Board.

G. International Mechanical Code – Adoption.

There is hereby adopted by the County, 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 County, that certain code known as the International Mechanical Code, 2018 Edition; published by the International Code Council, Inc. The Code, and the whole thereof, but with the amendments and deletions set forth below, is adopted by reference thereto the same as if set forth in length in this section.

International Mechanical Code – Amendments.

The International Mechanical Code, 2018 Edition, is subject to the following amendments:

Section 103.1 Creation of Enforcement Agency, 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 903.3 Unvented gas log heaters, is hereby deleted.

H. International Energy Conservation Code – Adoption

There is hereby adopted by the County for the purpose of regulating and governing energy efficient building envelopes and installation of energy efficient mechanical, lighting and power systems as herein provided; providing for the issuance of permits and collection of fees therefor; the certain code known as the International Energy Conservation Code, 2018 Edition published by the International Code Council, Inc. The Code, and the whole thereof, but with the amendments and deletions set forth below, is adopted by reference thereto the same as if set forth in length in this section.

Table R402.1.2 Insulation and Fenestration Requirements by Component is amended to read as follows for Climate Zone 7 and 8.

FENESTRATION U-FACTOR ^b	SKYLIGHT ^b U-FACTOR	GLAZED FENESTRATION SHGC ^{b, e}	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE ⁱ	FLOOR R-VALUE	BASEMENT ^c WALL R-VALUE	SLAB ^d R-VALUE & DEPTH	CRAWL SPACE ^c WALL R-VALUE
0.30	0.55	NR	49	20+5 ^h or 22+3 ^h or 27+0	19/21	38 ^g	15/19	10,4ft.	15/19

Footnote H amended to read as follows:

The first value is cavity insulation, the second value is continuous insulation. Therefore, as an example, “20+5” means R-20 cavity insulation plus R-5 continuous insulation. Refer to section R402.2.7 for walls with partial structural sheathing and any reductions in continuous insulation

I. International Plumbing Code – Adoption.

There is hereby adopted by the County, 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 County, that certain code known as the International Plumbing Code, 2018 Edition published by the International Code Council, Inc. The Code, and the whole thereof, but with the amendments and deletions set forth below, is adopted by reference thereto the same as if set forth in length in this section.

International Plumbing Code - Amendments and Deletions.

The International Plumbing Code, 2018 Edition, is subject to the following amendments:

Section 103.1 Creation of Enforcement Agency, 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 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 city 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 312.1 Required tests is amended to read as follows:

The permit holder shall make the applicable tests prescribed in Sections 312.2 through 312.10 to determine compliance with the provisions of this code. The permit holder shall give reasonable advance notice to the code official when the plumbing work is ready for tests. The equipment, material, power and labor necessary for the inspection and test shall be furnished by the permit holder and he or she shall be responsible for determining that the work will withstand the test pressure prescribed in the following tests. Plumbing system piping shall be tested with either water or by air. After the plumbing fixtures have been set and their traps filled with water, the entire drainage system shall be submitted to final tests. The code official shall require the removal of any cleanouts if necessary to ascertain whether the pressure has reached all parts of the system.

Section 312.3 Drainage and vent air test is amended to read as follows:

An air test shall be made by forcing air into the system until there is a uniform gauge pressure of 5 psi (34.5 kPa) or sufficient to balance a 10-inch (254 mm) column of mercury. This pressure shall be held for a test period of not less than 15 minutes. Any adjustments to the test pressure required because of changes in ambient temperatures or the seating of gaskets shall be made prior to the beginning of the test period

Section 312.5 Water supply system test, is amended to read as follows:

Upon completion of a section of or the entire water supply system, the system, or portion completed, shall be tested and proved tight under a water pressure not less than the working pressure of the system; or by an air test of not less than 50 psi (344 kPa). This pressure shall be held for not less than 15 minutes. The water utilized for tests shall be obtained from a potable source of supply. The required tests shall be performed in accordance with this section and Section 107.

Exception: The water service piping shall be tested as required by the jurisdiction.

Section 312.6 Gravity sewer test, is amended to read as follows:

Gravity sewer tests shall be made in accordance with the specifications of the jurisdiction.

Section 603.2 Separation of water service and building sewer, is amended to read as follows:

Water service pipe and the building sewer shall be separated as required by policy established by the Jurisdiction.

605.3 Water service piping. The first sentence of the paragraph is amended to read:

Water service piping shall conform to the specification of the jurisdiction.

Section 708.1.10 Cleanout Access. Exception added to read as follows.

Exception:

1. Access shall not be required to One (1) Sanitary Test-Tee Cleanout per building where installed below grade and within the building envelope. The Clean-Out Plug must be installed in accordance with Section 3005.6 and permanently glued prior to backfilling.

J. International Fuel Gas Code – Adoption.

There is hereby adopted by the County, for the purpose of regulating and controlling the installation of fuel-gas piping systems, fuel-gas utilization equipment and related accessories within the County, that certain code known as the International Fuel Gas Code, 2018 Edition published by the International Code Council, Inc. The Code, and the whole thereof, but with the amendments and deletions set forth below, is adopted by reference thereto the same as if set forth in length in this section.

International Fuel Gas Code - Amendments and Deletions.

The International Fuel Gas Code, 2018 Edition, is subject to the following amendments and deletions:

Section 103.1 Creation of Enforcement Agency, 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 303.3 Prohibited locations, Exception 3, is hereby deleted.

Section 303.3 Prohibited locations, Exception 4, is hereby deleted.

Section 303.8 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. A listed propane gas detector with alarm shall be installed A listed solenoid gas valve shall be installed on the gas line that supplies all propane appliances located in the basement or pit. Upon detection of gas an alarm shall sound and the solenoid gas valve shall close

Section 409.5.3 Located at manifold, is hereby deleted.

Section 603 Log Lighters, is hereby deleted.

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.

2. No Repeal of Resolution Number 91-032. Nothing contained in this resolution is intended to or shall be construed as a repeal of the Routt County Air Pollution Control Resolution, County Resolution Number 91-032.

3. Effective Date. This resolution shall be effective January 1st, 2021. UPON

MOTION duly made, seconded and passed this 15th day of December 2020.

BY THE BOARD OF COUNTY COMMISSIONERS OF ROUTT COUNTY, STATE OF COLORADO.

DocuSigned by:
Tim Corrigan
3C69746DE809464
Timothy V. Corrigan, Chair

Vote: Douglas B. Monger (y~~o~~s) (no) (abstain) (absent)
M. Elizabeth Melton (y~~o~~s) (no) (abstain) (absent)
Timothy V. Corrigan (y~~o~~s) (no) (abstain) (absent)

ATTEST:
DocuSigned by:
Kim Bonner
080454780C6C4B1
Kim Bonner, Clerk and Recorder