

STATE OF COLORADO)
) ss.
COUNTY OF ROUTT)

RESOLUTION NO. 06-25

A RESOLUTION AMENDING CURRENTLY EFFECTIVE BUILDING CODES, PREVIOUSLY ADOPTED BY ROUTT COUNTY TO CONFORM TO THE INTERNATIONAL BUILDING CODE, 2003 EDITION, INCLUDING APPENDIX CHAPTERS C AND J; INTERNATIONAL RESIDENTIAL CODE, 2003 EDITION INCLUDING APPENDIX CHAPTER E; INTERNATIONAL EXISTING BUILDING CODE, 2003 EDITION; UNIFORM CODE FOR THE ABATEMENT OF DANGEROUS BUILDINGS, 1997 EDITION; NATIONAL ELECTRICAL CODE, 2005 EDITION; INTERNATIONAL CODE COUNCIL ELECTRICAL CODE, ADMINISTRATIVE PROVISIONS, 2003 EDITION; INTERNATIONAL MECHANICAL CODE, 2003 EDITION; INTERNATIONAL PLUMBING CODE, 2003 EDITION, INCLUDING APPENDIX CHAPTERS B, D, E, F, G; INTERNATIONAL FUEL GAS CODE, 2003 EDITION.

WHEREAS, acting pursuant to CRS § 30-28-201 (2), the Board of County Commissioners of Routt County (hereinafter referred to as the “Board”) has heretofore adopted, by County Resolution Number 00-022, certain building codes (including building, electrical, plumbing, mechanical and other specialty codes which collectively are referred to hereinafter as “building codes”), standards, amendments and additions thereto; and

WHEREAS, pursuant to CRS § 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

WHEREAS, notice of the public hearing was published in the Steamboat Pilot on March 5, 2006 and the required public hearing before the board was held on March 21, 2006, all in accordance with CRS § 30-28-204; and

WHEREAS, the Board finds that the fees set forth in County Resolution No. 05-105 are reasonable and necessary to cover the expected normal costs of plan review and inspection associated with the permits in question.

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

Section 1: Amendment and Restatement of Existing Codes. The currently effective building codes adopted by County Resolution 00-022 together with any previously adopted building codes not previously repealed or amended are hereby amended and restated by reference to the codes and materials described as follows: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 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, 2003 Edition, including Appendix Chapters C and J, published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041-3405. 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, 2003 Edition, is amended as follows:

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 106.5 Retention of construction documents, is amended to read as follows:

One set of approved plans, specifications and computations shall be retained by the Building Official for a period of not less than 90 days from the date of completion of the work covered therein; and one set of approved plans and specifications shall be returned to the applicant, and said set shall be kept on the site of the building or work at all times during which the work authorized thereby is in progress.

Section 115 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 406.1.1 Classification, is amended to read as follows:

Building or parts of buildings classified as Group U Occupancies because of the use or character of the occupancy shall not exceed 1,000 square feet in area or two (2) stories in height except as provided in Section 406.1.2. Any building or portion thereof that exceeds the limitations specified in this chapter shall be

classed in the occupancy group other than Group U that it most nearly resembles.

Section 705.3 Materials, is amended to read as follows:

Fire walls shall be of concrete or masonry construction only, without exception.

Section 712.4.1.2 Through-penetration firestop system. Exception, is amended to add a second exception as follows:

2. Floor penetrations consisting of either a pipe, tube, conduit or electrical conductor that are not in contact with combustible material do not require a T rating.

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 Routt County and any fire protection district.

Section 903.2.7 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, provided the building is constructed as required by Section 302.3.2, 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, delete.

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

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

Section 907.3.1 Location, Exception, delete.

Section 1009.1 Stairway width, the first paragraph is amended to read as follows:

The width of stairways shall be determined as specified in Section 1005.1, but such width shall be not less than 48 inches (1219 mm). See Section 1007.3 for accessible means of egress stairways.

Section 1009.1 Stairway width. 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 in width.

Section 1009.11.3 Handrail graspability, is amended to read as follows:

Handrails with a circular cross section shall have an outside diameter of at least 1.25 inches (32 mm) and not greater than 2 inches (51 mm) or shall provide equivalent graspability. If a handrail is not circular, it shall have a maximum horizontal cross section dimension of at least 1.25 inches (32mm) and not greater than 3 inches (57 mm). The narrowest horizontal cross section of the handgrip portion of the handrail shall have a minimum dimension .75 inch less than the maximum horizontal cross section. The surface of the handgrip portion of the handrail shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6.25 inches (160 mm) measured to the centerline of the narrowest horizontal cross section. Edges shall have a minimum radius of 0.01 inch (0.25 mm).

Section 1104.4 Multilevel buildings and facilities. Exception 1, the following paragraph is added to this exception:

This exception, exempting elevator or ramp service does not obviate or limit the obligation to comply with all other accessibility requirements required by this chapter. For example, floors above or below the accessible ground floor must meet the requirements of this chapter except for elevator or ramp service. If toilet or bathing facilities are provided on a level not served by an elevator or ramp, then toilet or bathing facilities must be provided on the accessible ground floor.

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 1301.1.1 Criteria, is amended to read as follows:

Buildings should be designed and constructed in accordance with the *International Energy Conservation Code*. This code is not officially adopted.

Table 1604.5 Classification of Buildings and Other Structures for Importance Factors, is amended to add the following:

Category	Nature of Occupancy	Seismic Factor	Snow Factor	Wind Factor
I	▪ Detached private garage	1.00	0.8	0.87 ^b

Section 1805.2.1 Frost protection. Exception 2, is amended to read as follows:

2. Area of 576 square feet (53.5m²) or less; and

Section 3002.4 Elevator car to accommodate ambulance stretcher, is amended to read as follows:

In buildings four stories in height or more, at least one elevator shall be provided for fire department emergency access to all floors. Such elevator car shall be of such a size and arrangement to accommodate a 24-inch by 80-inch (610 mm by 2032 mm) ambulance stretcher in the horizontal, open position and shall be identified by the international symbol for emergency medical services (star of life). The symbol shall not be less than 3-inches (76mm) high and shall be placed inside on both sides of the hoistway door frame.

Section 3202.1.1 Structural support, is amended to read as follows:

A part of a building erected below grade that is necessary for structural support of the building or structure shall not project beyond the lot lines.

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, delete.

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, delete.

Section 3307, CERTIFICATES OF INSPECTION is added to read as follows:

3307.1 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.

3307.2 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 J103.2 Exemptions, is amended to read as follows:

A grading permit shall not be required for the following:

1. When approved in writing by the Building Official, grading in isolated, self-contained area, provided there is no danger to the public, and that such grading will not adversely affect adjoining properties.
2. Disturbance of land for agricultural purposes such as clearing or grading of land for the purpose of and reasonably necessary for preparing the soil for crop production, weed control, maintenance and construction of agriculture-related water structures, other agricultural cultivation purposes, and the construction of fences and other agricultural-related structures otherwise exempt from the requirement of obtaining a building permit.
3. A grading permit is not required for the following activities, except that any such activity which occurs within the 50 foot water body setback of any water body, as defined in the Routt County Zoning Resolution, shall require a grading permit and the exemptions listed in this section below shall not apply thereto:
 - a. An excavation below finished grade for basements and footings of a building, retaining wall or other structure authorized by a

valid building permit. This shall not exempt any fill made with material from such excavation or exempt any excavation having unsupported height greater than 5 feet (1524 mm) after completion of such structure.

- b. Cemetery graves.
- c. Refuse disposal sites controlled by other regulations.
- d. Excavations for wells or trenches for utilities.
- e. Mining, quarrying, excavating, processing or stockpiling rock, sand, gravel, aggregate or clay controlled by other regulations, provided such operations do not affect the lateral support of, or significantly increase the stresses in, soil on adjoining properties.
- f. Exploratory excavations performed under the direction of a registered design professional, soils engineer or engineering geologist.
- g. Any excavation of less than 300 yards of material.
- h. Any fill of less than 300 yards of material.
- i. Any soil disturbance of less than one acre.

Exemption from the permit requirements of this appendix shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or resolutions of this jurisdiction.

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 adopted fee schedule.

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, 2003 Edition, including Appendix Chapter E, published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041-3405. 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, 2003 edition, is amended as follows:

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. Item 1, is amended to read as follows:

1. One story detached accessory structures, provided the floor area does not exceed 120 square feet (11.15m²).

Section R106.5 Retention of construction documents, is amended to read as follows:

One set of approved plans, specifications and computations shall be retained by the Building Official for a period of not less than 90 days from the date of completion of the work covered therein; and one set of approved plans and specifications shall be returned to the applicant, and said set shall be kept on the site of the building or work at all times during which the work authorized thereby is in progress.

Section R110.1 Use and occupancy. Exception, is amended to add a second exception to read as follows:

2. Certificates of occupancy are not required for one and two family dwellings and private garages.

Section R202 Definitions, is amended to read as follows:

TOWNHOUSE. A single-family dwelling unit constructed in a group of **two** or more attached units in which each unit extends from foundation to roof and with open space on at least two sides.

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

- Ground Snow Load – Varies by site location and elevation. (Use actual roof snow load)
- Wind Speed – 90 MPH
- 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 R305.1 Minimum height. Exception 2, delete.

Section R310.1 Emergency escape and rescue required, the first sentence in the paragraph is amended to read as follows:

Basements and every sleeping room shall have at least one openable emergency escape and rescue opening.

Section R311.5.6.3 Handrail grip size, Item 1, is amended to read as follows:

Handrails with a circular cross section shall have an outside diameter of at least 1.25 inches (32 mm) and not greater than 2 inches (51 mm) or shall provide equivalent graspability. If a handrail is not circular, it shall have a maximum horizontal cross section dimension of at least 1.25 inches (32mm) and not greater than 3 inches (57 mm). The narrowest horizontal cross section of the handgrip portion of the handrail shall have a minimum dimension .75 inch (20 mm) less than the maximum horizontal cross section. The surface of the handgrip portion of the handrail shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6.25 inches (160 mm) measured to the centerline of the narrowest horizontal cross section. Edges shall have a minimum radius of 0.01 inch (0.25 mm).

Section R311.5.6.3 Handrail grip size, Item 2, delete.

Section R311.5.8.3 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 R311.5.8.4 Alternating tread stairway, 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 R403.1.4.1 Frost Protection. Exception 1, is amended to read as follows:

1. Freestanding accessory structures (private garages) with an area of 576 square feet (53.5 m²) or less and an eave height of 10 feet (3048 mm) or less shall not be required to be protected.

Section R501.2 Requirements, is amended to read as follows:

Floor construction shall be capable of accommodating all loads 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 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 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 N1101.1 Scope, is amended to read as follows:

This chapter sets forth energy-efficiency related recommendations for the design and construction of buildings regulated by this code.

Section G2406.2 (303.3) Prohibited locations. Exception 3, delete.

Section G2406.2 (303.3) Prohibited locations. Exception 4, delete.

Section G2406.4 LP-gas appliance in pit or basement, is added to read as follows:

Liquefied petroleum gas piping may serve a gas appliance located in a pit, basement or similar location when 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 G2433 (603) Log Lighters, delete.

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 Log Heaters, delete.

Section P2717.2 Sink, dishwasher is amended to read as follows:

A sink and dishwasher are permitted to discharge through a single 1.5 inch (38 mm) trap after the dishwasher passes through an air gap device. No domestic dishwashing machine shall be directly connected to a drainage system or food waste disposer without the use of an approved dishwasher airgap fitting on the discharge side of the dishwashing machine. Listed airgap fittings shall be installed with the flood level (FL) marking at or above the flood level of the sink or drainboard, whichever is higher, or separately trapped with the air gap located on the stand pipe.

Section P2717.3 Sink, dishwasher and food grinder is amended to read as follows:

The combined discharge from a sink, dishwasher and food grinder is permitted to discharge through a single 1.5 inch (38 mm) trap after the dishwasher passes through an air gap device. No domestic dishwashing machine shall be directly connected to a drainage system or food waste disposer without the use of an approved dishwasher airgap fitting on the discharge side of the dishwashing machine. Listed airgap fittings shall be installed with the flood level (FL) marking at or above the flood level of the sink or drainboard, whichever is higher, or separately trapped with the air gap located on the stand pipe.

Section E3301.1 Applicability, is amended by the addition of a second paragraph as follows:

Any conflict with the provisions of this code and the current electrical code adopted by the State of Colorado Electrical Board shall comply with the current State code.

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, 2003 Edition, published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041-3405. 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, 2003 Edition, is amended as follows:

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. 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, 2005 Edition, published by the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269. The Code, and the whole thereof, is adopted by reference thereto the same as if set forth in length in this section”.

E. 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, 2003 Edition, published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA

22041-3405. 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 Code Council Electrical Code, Administrative Provisions, Amendments.

The International Code Council Electrical Code, Administrative Provisions, 2003 Edition, is amended as follows:

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.

F. 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, 2003 Edition; published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041-3405. 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, 2003 Edition, is amended as follows:

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, 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.

G. 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, 2003 Edition, including Appendices B, D, E, F, G, published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041-3405. 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, 2003 Edition, is amended as follows:

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

1. Underground inspection shall be made after trenches or ditches are excavated and bedded, piping installed, and before any backfill is put in place. Underground inspections of the water service pipe and building sewer shall be performed by the authority having jurisdiction.

Section 312.5 Water supply system test, is amended by adding the following exception:

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

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

Gravity sewer tests shall consist of plugging the end of the building sewer at the point of connection to the public sewer, filling the building sewer with water, testing with not less than a 10-foot (3048 mm) head of water and maintaining such pressure for 15 minutes, or as required by the authority having 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 authority having jurisdiction. No exceptions.

603.2 Separation of water service and building sewer, Exceptions 1, 2, and 3, deleted.

Section 701.3 Separate sewer connection, is amended to read as follows:

Every building having plumbing fixtures installed and intended for human habitation, occupancy or use on premises abutting on a street, alley or easement in which there is a public sewer shall have a separate connection to the sewer.

Section 703.6 Slope of building sewer, is added to read as follows:

The building sewer shall have a minimum slope of $\frac{1}{4}$ -inch (6.35 mm) per lineal foot (305 mm).

Section 802.1.6 Domestic dishwashing machines, is amended to read as follows:

No domestic dishwashing machine shall be directly connected to a drainage system or food waste disposer without the use of an approved dishwasher airgap fitting on the discharge side of the dishwashing machine. Listed airgaps shall be installed with the flood level (FL) marking at or above the flood level of the sink or

drainboard, whichever is higher, or separately trapped with the air gap located on the stand pipe.

Section 1003.4 Sand and oil separators required, is amended to read as follows:

At any building providing access to motor vehicles, repair garages, carwashing facilities, and where oily or flammable liquid wastes are produced or stored, 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 Sand and 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 within 6-inches (152 mm) of the bottom 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, delete.

H. 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, 2003 Edition, published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041-3405. 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, 2003 Edition, is amended as follows:

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

Section 3: Effective Date. This resolution shall be effective April 1, 2006.

UPON MOTION duly made, seconded and passed this 21st day of March, 2006.

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

Douglas Monger, Chairman

Vote: Douglas Monger (yes) (no) (abstain) (absent)
Nancy J. Stahoviack (yes) (no) (abstain) (absent)
Daniel R. Ellison (yes) (no) (abstain) (absent)

ATTEST:

Kay Weinland, Routt County Clerk and Recorder