



500 South Gillette Avenue
Suite 1500
Gillette, Wyoming 82716
(307) 682-1970
(307) 687-6468 Fax

Department of Public Works

NOTICE OF INTENT TO AMEND CHAPTER 4, CAMPBELL COUNTY RULES REGULATING CONSTRUCTION

PLEASE TAKE NOTICE that the Board of Campbell County Commissioners hereby gives notice of its intent to adopt amendments to the Chapter 4, Campbell County Rules Regulating Construction in accordance with W.S.S. 18-5-201.

A copy of the proposed amendments to the referenced regulations are available at the Department of Public Works, Campbell County Courthouse, 500 S. Gillette Ave., Ste. 1400, Gillette, Wyoming 82716 or may be viewed on the county website at www.ccgov.net/publicworks. Any interested person may present their views regarding this intended action by submitting written comments to the Board no later than 5 p.m. on the 14th day of December 2018 by delivering your comments to the address listed above via United States mail or by hand delivery.

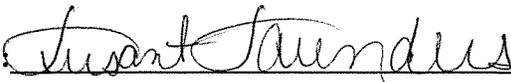
The proposed amendments to Chapter 4 include adoption of the 2018 International Code Council building codes; clarification of current definitions, including plan review fees; the addition of requirements for culverts and general streamlining of language within the rules. There are no substantial changes proposed in required permitting within the chapter.

Any person wishing to present their views orally may attend a public hearing scheduled for December 18, 2018 at 10:30 a.m. in the Campbell County Courthouse, Commissioner's Chambers, 500 S. Gillette Ave., Gillette, Wyoming.

Following the time allotted for public comment and the public hearing, the Board intends to take official action regarding the adoption of the proposed amendment at their regularly scheduled meeting on December 18, 2018.

Dated this 16th day of October 2018.

**SUSAN SAUNDERS
CAMPBELL COUNTY CLERK**

By: 

Publish: October 21, November 14 & 28

SUMMARY OF PROPOSED AMENDMENTS TO CAMPBELL COUNTY RULES REGULATING CONSTRUCTION

	SUBJECT	PROPOSED AMENDMENTS	REASON FOR CHANGES
1.	Code Updates	<ul style="list-style-type: none"> The 2018 versions of International Fire Code, International Building Code, International Mechanical Code, International Plumbing Code, and the 2017 version of National Electric Code 	<ul style="list-style-type: none"> The State of Wyoming adopted recent code versions on May 25, 2018. Per the home rule requirement, the County is obligated to adopt them.
2.	Residential Codes	<ul style="list-style-type: none"> The 2018 International Residential Code 	<ul style="list-style-type: none"> Campbell County chooses to adopt the residential code for the construction of one and two-family dwellings. The 2018 IRC is being adopted to provide uniformity across code versions.
3.	International Existing Building Code	<ul style="list-style-type: none"> The County will adopt the new International Existing Building Code 	<ul style="list-style-type: none"> This code was included in prior versions of the International Building Code (Chapter 34), however, it has been revised as a standalone code.
4.	Plan Review Fees	<ul style="list-style-type: none"> For commercial plan reviews, after the first 2 plan reviews, a \$250 fee will be charged for any additional reviews that are needed. 	<ul style="list-style-type: none"> Excessive staff time is being used to complete multiple reviews on the same project after specific corrections were requested by the Building Division. Imposing a fee will bring more accountability to project designers to get the plan corrections made completely and correctly.
5.	Culverts	<ul style="list-style-type: none"> Addition of language requiring a minimum of 12" diameter culverts at all driveway approaches. 	<ul style="list-style-type: none"> This requirement is per Chapter 6, Subdivision Regulations. It is being included in Chapter 4 for increased clarity as most driveways are constructed during the building permit process.
6.	Unpermitted Septic Systems	<ul style="list-style-type: none"> For existing, unpermitted septic systems, the tank must be pumped to verify tank size prior to the issuance of any electrical permits. 	<ul style="list-style-type: none"> From time to time, staff encounters septic systems that were never permitted through DEQ or the County. If these sites have not lost their grandfathered status and will continue to be used, the County will require the tank to be pumped to verify the size of the tank. Modifications may be required if the tank size is not adequate for a single-family residence.
7.	Definitions	<ul style="list-style-type: none"> Certain definitions have been added, removed, clarified or modified. 	<ul style="list-style-type: none"> Clarity and streamlining of definitions. Intent of the regulations or definitions was not changed. Help with readability and to make terminology and definitions throughout the document consistent and compatible with other County Rules.
8.	Agriculture Exemption	<ul style="list-style-type: none"> Revised to base the agriculture exemption on use of the property rather than parcel size. 	<ul style="list-style-type: none"> Clarification of the exemption and makes it easier for ranching operations to obtain their exemption. Does not apply to large acreages that are not ranches.

SUMMARY OF PROPOSED AMENDMENTS TO CAMPBELL COUNTY RULES REGULATING CONSTRUCTION

8.	Miscellaneous Minor Amendments	<ul style="list-style-type: none"> • Various minor changes to language to streamline and reduce the amount of text. Ensure the regulations are clear and straightforward. 	<ul style="list-style-type: none"> • To reduce regulation text and add clarity.
9.	Very Large Accessory Structures	<ul style="list-style-type: none"> • A Building Permit is required for any accessory structure with truss spans over 60’. 	<ul style="list-style-type: none"> • From time to time, we have seen several very large pole structures, which may be used by the public, but do not require commercial plan review. However, they would benefit from structural review due to their elevated risk factor based on size.

CHAPTER 4

RULES REGULATING CONSTRUCTION

~~Amended October, 2018~~ Revised May, 2018

Section 1. Authority.

This Chapter is adopted pursuant to the authority granted by W.S. 18-5-105, W.S. 35-9-121 and W.S. 35-11-304 and supersedes all previous Rules Regulating Construction. ~~The effective date of these revised rules is January 1, 2018.~~

Section 2. Definitions.

As used in this Chapter, the following definitions apply:

- A. “Applicant” means the owner or authorized agent ~~making who is or has made~~ application for a permit.
- ~~B.~~ “Automatic Sprinkler System” ~~means an automatic sprinkler system, for fire protection purposes,~~ is an integrated system of a water source, underground and overhead, piping, and heat activated fire suppression devices designed in accordance with fire protection engineering standards as fully defined in 2015 IFC Chapter 2.
- C. “Average Daily Demand” means the total annual water use divided by the number of days the system was in operation. A minimum average daily demand of four hundred (400) gallons per day per Water Service Connection location shall be used unless the annual water use is available. Comparable records may be used if approved by the ~~Public Works Director.~~ Building Code Official.
- D. “Building Division” means the ~~Building Inspection D~~ivision of the Campbell County Department of Public Works: responsible for issuing Building, Electrical, Mechanical and Plumbing Permits and performing inspections on that work.
- E. “Building Code Appeals Board” means a Board created by the Campbell County Commissioners (Resolution 1449) to hear and decide appeals of orders, decisions or determinations made by the Building Code Official or Fire Code Official relative to the application and interpretation of this code.
- F. “Building Code Official” means the officer or other designated authority or a duly authorized representative charged with the administration and enforcement of this code. The position of Building Code Official is also referred to as the “Administrative Authority”, “Authority Having Jurisdiction”, “Code Official”, and “Fire Code Official” as those titles are used to ~~refer to the individual responsible for administration and enforcement of the codes adopted in-~~ Section 4 of this Chapter.

G. “Building Permit” means an official certificate of authorization a permit issued by the Building Division for construction, enlargement or alteration of a building in accordance with ~~Section 6.~~

H. “Central Stations” means a system or a group of systems in which the operations of circuits and devices are transmitted automatically to, recorded in, maintained by, and supervised from a listed central station that has competent and experienced servers and operators who, upon receipt of a signal, take such action as calling the local dispatch (fire or law enforcement).

I. “Commercial Building” means all buildings not included in the definition of Residential buildings.

~~J.~~ “Community Water System” means a water supply system that has no more than nine 9 Water Sservice Cconnections and serves fewer than twenty-five (25) individuals with water for human consumption, which is permitted through the Campbell County Public Works Department and Chapter 4, Rules Regulating Construction.

K. “Cross Connection” means any actual or potential connection between a potable water supply and any other source or system through which it is possible to introduce contamination into the system.

KL. “Delegation Agreement” means the current agreement between the Wyoming Department of ~~Environmental Quality and Campbell County~~ in accordance with W.S. 35-11-304 ~~relating to the permitting and inspection of Small Wastewater Systems adopted herein by this reference. by which Campbell County has assumed authority for the enforcement and administration of the permitting of Residential Small Wastewater Systems, publicly owned and controlled sewage collection facilities, and publicly owned and controlled water distribution facilities.~~

~~LM.~~ “Electrical Wiring Permit” means a an official certificate of authorization permit issued by the Building Division in accordance ~~with~~ W.S. 35-9-120 (e) and 35-9-121 and Section 7.

N. “Engineer” means a professional engineer licensed with the State of Wyoming Board of Professional Engineers and Professional Land Surveyors. In section 13, any item required to be completed by an Engineer may also be completed by a professional geologist licensed with the Wyoming State Board of Professional Geologists.

MO. “Farm or Ranch Operation” ~~“Farm and Ranch Operation”~~ means that the primary use of the property where the structures are located, along with any leased or owned property adjacent to or in close proximity to the subject parcel, is to produce agricultural products or to graze livestock for monetary profit as a primary source of income. defined in W.S. 11-44-102 (a) (ii) means the science and art ~~of production of plants and animals useful to man and includes~~

~~horticulture, floriculture, viticulture, silviculture, dairy, livestock, poultry, bees and any and all forms of farm and ranch products and farm and ranch production.~~

~~NP.~~ “Flood Damage Prevention Resolution” ~~means Campbell County Flood Damage~~
~~Preventions Resolution adopted~~ is a resolution adopted by the Campbell County
Commissioners on January 2, 2008, ~~Document number 904499~~ for the purpose of minimizing
losses due to flooding in specific areas of the County.

~~QQ.~~ “Looped Water System” means a water distribution system whereby any Water Service
Connection line can receive water from two (2) directions. ~~Should the distribution system need~~
~~to be repaired, segments of the water distribution system can be isolated such that no more than~~
~~three (3) service connections lose water service.~~

~~PR.~~ “Mechanical Permit” means ~~a permit issued by the Building Division in accordance with~~
~~Section 8, an official certificate of authorization by the Building Division for heating,~~
ventilation, air conditioning and gas line work in accordance with Section 8.

~~QS.~~ “Meter Pits” must be Mueller single or double meter pits or an approved equal, and shall
contain backflow prevention and shut-off valves. Approval shall be made by the Building Code
Official ~~or designated authority.~~

~~RT.~~ “Owner” means the person holding title to real property.

S. “Platted Subdivision” means any parcel or lot created through the subdivision plat
process and where a map, drawn to scale by a licensed surveyor, showing how a portion of land
is divided, into blocks and lots, and showing streets, alleys and easements, common areas,
dedications and other attributes, pursuant to the requirements of Campbell County Chapter 6,
Subdivisions Regulations and W.S. 18-5-306, is recorded in the land vault of the County Clerk’s
office. Parcels created through a Record of Survey or subdivision exemption process shall not be
considered part of a platted subdivision.

~~TU.~~ “Plumbing Permit” means ~~a permit an official certificate of authorization~~ issued by the
Building Division in accordance with Sections 9 and 10 for domestic or commercial water
supplies, sewage disposal, and all piping
~~and materials necessary to complete these activities.~~

~~UV.~~ “Potable Water” means water meeting EPA Primary Drinking Water Standards.

~~VW.~~ “Public Building” means a building intended for access by the general public.

~~WX.~~ “Remodeling” includes repairing, altering, or ~~expanding adding to~~ a building or its
~~plumbing or electrical systems.~~

~~Y.~~ “Residential” means a building where more than half of the floor area is used for dwelling
purposes.

~~XZ.~~ “Rules Regulating Construction” means this document as adopted by the Board of Commissioners.

~~YAA.~~ “~~Service Location~~” means ~~each single family residence in a residential situation is considered one (1) service location. (Example: A Four plex is considered as four (4) service locations.)~~

~~Z-ABB.~~ “Small Wastewater System” means any sewage system, disposal system, or treatment works having simple hydrologic and engineering needs which is intended for wastes originating from a ~~multi-family dwelling containing single Residential unit serving~~ no more than four (4) ~~residential units families~~ or which distributes two thousand (2,000) gallons or less of domestic sewage per day.

~~AA.~~ “~~Small Wastewater System Permit~~” means a permit issued by the ~~Building Division in accordance with Section 10 for sewage disposal.~~

~~BBCC.~~ “~~Twenty four (24) Hour Pump Test~~” means a test in accordance with ~~Wyoming DEQ Water Quality Rules and Regulations Chapter 12 which test the yield and drawdown of a well.~~

~~CC.~~ “~~Unplatted~~” means a parcel of land that has not been created through any ~~subdivision procedure.~~

~~YDDAA.~~ “~~Water Service Connection~~” means any water line or pipe connected to a distribution supply main or pipe for the purpose of conveying water to a water user’s system. ~~Location” means each single family residence in a residential situation is considered one (1) service location. (Example: A Four plex is considered as four (4) service locations.)~~

Section 3. Applicability of Rules Regulating Construction.

- A. The provisions of this Chapter shall apply to any construction or installation for which an application for a ~~b~~Building ~~p~~Permit, ~~e~~Electrical ~~w~~Wiring ~~p~~Permit, ~~m~~Mechanical ~~p~~Permit, ~~p~~Plumbing ~~p~~Permit, (building, structure, community water system, or a small wastewater system) is required by the Building Division.
- B. The provisions of this Chapter shall not apply to any construction or installation that Campbell County is preempted by state or federal law from regulating or permitting.
- C. This Chapter shall supersede all previous rules and regulations, resolutions, or building codes adopted by Campbell County.

Section 4. Enforcement of Rules Regulating Construction.

- A. The Building Division shall enforce the Rules Regulating Construction prescribed in Chapter 4 for that portion of Campbell County lying outside of the corporate limits of the City of Gillette and the Town of Wright.
- B. The Building Code Official ~~or his designee~~ shall have the authority to render interpretations and enforce the Rules Regulating Construction.
- C. Violation penalties, re-inspection fees, and appeals.

1. Persons who violate a provision of any of the Rules Regulating Construction or fail to comply with any of the requirements thereof or who shall erect install, alter, repair or do work in violation of the approved construction documents or directive of the Building Code Official, or of a permit or certificate issued under provisions of any of the Rules Regulating Construction, shall be subject to a fine of \$250 per day. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

2. Upon issuance of a stop work notice from the Building Code Official, work that is being done contrary to the provisions of any of the Rules Regulating Construction or in a dangerous or unsafe manner, shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person performing the work. The notice shall state the condition under which work is authorized to resume. Where an emergency exists, the Building Code Official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as the person is directed to perform to remove a violation or unsafe condition, shall be subject to the penalties set forth the Section 4. C. 1.

~~3. The first two (2) inspections for all each portion of construction or type of work are performed in Campbell County are free of charge. A \$60 fee will be assessed for e Each additional subsequent re-inspection that is needed on due to of the same type of work which is found to be incorrect work will be assessed a fee of \$60. The fee after the second inspection. The re-inspection fee must be paid-in person to Campbell County Public Works/ at the Building Division (in the office) prior to scheduling before each the re-inspection. can be scheduled.~~

~~3.4. The first two (2) commercial plan reviews will be completed are free of charge. A \$250.00 fee will be assessed and added to the cost of the Building Permit for each subsequent review which is needed due to found to be incorrect material. after the second review. The review fee will be assessed to the Building Permit fee.~~

~~4.5. A \$60 fee will be assessed shall be charged when any for work commences prior to obtaining a required started without a permit beforehand begun where a permit. was not obtained beforehand.~~

~~5.6.~~ Appeals from the decisions or actions of the Building Code Official shall be to the Building Code Appeals Board in accordance with its established rules and procedures.

~~6.7.~~ The Building Code Official reserves all other rights and remedies available under the law to enforce the Rules Regulating Construction.

Section 5. General Permit Requirements.

A. All applications for permits under this Chapter ~~shall include~~ require the following:

1. Zoning certificate. For zoned parcels, an approved Zoning Certificate from the Planning and Zoning Division shall be required prior to issuance of any permit. Refer to Chapter 7 Zoning Regulations for requirements.

2. An approved ~~Building Permit~~ site plan. The ~~Building Permit~~ site plan shall be a drawing, to scale or clearly dimensioned, showing the uses and structures (existing or proposed) for a parcel of land. The plan shall include a north arrow, property lines, streets, location of all buildings, wells (water and methane), septic tank and leach field, as well as the location for a future replacement leach field, easements/rights-of-ways, and the location of utilities including electrical service lines, water lines, sewer/septic lines, natural & LPG lines, etc. (existing and proposed). The Building Code Official, per IBC 107.2.5, may also require a grading plan and/or spot elevations to address topographical and drainage issues on a site by site basis.

a) Culverts are required for new driveway approaches that cross drainage ditches. Culvert installation shall be as specified in the subdivision disclosure statement, or as approved by the Building Code Official. Minimum size is twelve (12) inches in diameter. Driveway and culvert installation may be subject to approval by the subdivision Improvement and Service District or Homeowners Association.

3. Plans to verify compliance with the Rules Regulating Construction. Plans shall be drawings that show the shape, size, and location of important details relating to the construction of all buildings. The plans shall clearly indicate the nature and extent of the work proposed and show by details, or other means, that the work will conform to the Rules Regulating Construction.

~~4. Culverts are required for new driveway approaches that cross drainage ditches. Culvert installation shall be as specified in the subdivision disclosure statement, or as approved by the Building Code Official. Minimum size is twelve (12) inches in diameter. Driveway and culvert installation may be subject to approval by the subdivision Improvement and Service District or Homeowners Association.~~

B. The Building Code Official ~~or his designee~~ shall issue permits under this Chapter after determining that the proposed project will comply with the Rules Regulating Construction.

~~E.C.~~ The applicant shall maintain a copy of all permits, approved plans, job sign off sheet, and plan review documents available on the job site.

D. Per ~~the current~~ Campbell County ~~Chapter 8, Addressing Standards adopted by the Campbell County Commissioners on August 16, 2011,~~ all properties must display the assigned address with address numbers which are clearly visible from the roadway. Inspection by the ~~Campbell County Public Works Department,~~ Building Division, will not be performed upon the property until those assigned address numbers are posted.

a. ~~The~~ Campbell County ~~Public Works~~ ~~Planning Division~~ shall issue a new address for all properties not currently assigned a valid address, and shall re-assign property addresses, as applicable, upon review, ~~by the Applicable Director.~~ No properties shall obtain a building permit without a valid County issued address.

Section 6. Building Permits.

A. Except as provided in subsection ~~BC.~~ of this section, before performing any work, any person constructing or remodeling a residential dwelling, public, commercial, or industrial building shall apply to the Building Division to obtain a ~~b~~Building ~~p~~Permit.

B. For all public, commercial or industrial buildings, a Commercial Site Plan Review application and meeting shall be required prior to applying for a Building Permit. The application and submittal schedule for Commercial Site Plan Review meetings can be found in the Public Works Office or on the county website.

C. A ~~b~~Building ~~p~~Permit shall not be required for:

1. A public, commercial, or industrial building associated with the extraction of oil, gas, coal, or other minerals.
2. Structures located on parcels ~~forty (40) acres or greater in size, and~~ used exclusively for Farm and Ranch Operations as defined within Section 2. Definitions of this document.

~~4.3.~~ One and two family residential dwelling ~~not located in~~ located outside a Platted Subdivision.

~~5.4.~~ Any Manufactured home designed and constructed per HUD Standards.

D. A \$250 fee will be charged for all ~~New~~ Commercial Building Permits. Re-inspection fees ~~—~~ may apply per Section 4. C. 3.

E. For homes built off site to IRC standards, onsite inspections are required per Section 11. In addition, a third party inspection report is required from the manufacturer.

Section 7. Electrical Wiring Permits.

A. Except as provided in subsection B. of this section, before performing any work, any person installing electrical equipment in new construction or remodeling of a building, mobile home, or premises shall apply to the Building Division to obtain an ~~e~~Electrical ~~w~~Wiring ~~p~~Permit.

B. An ~~e~~Electrical ~~w~~Wiring ~~p~~Permit shall not be required for:

1. Structures located on parcels ~~forty (40) acres or greater in size, and~~ used ~~—~~ exclusively for Farm and Ranch Operations as defined within Section 2, Definitions, of this document. Electrical Contractors performing work on parcels of deeded land forty (40) acres or greater shall comply with W. S. 35-9-123(b).
2. Any installation associated with the extraction of oil, gas, coal, or other minerals.

Section 8. Mechanical Permits.

A. Except as provided in subsection B. of this section, before performing any work, any ~~—~~ person installing a heating or air conditioning system or gas lines in a building or structure shall apply to the ~~—~~ Building Division to obtain a ~~m~~Mechanical ~~p~~Permit.

B. A ~~m~~Mechanical ~~p~~Permit shall not be required for:

1. Structures located on parcels ~~forty (40) acres or greater in size and~~ used exclusively for Farm and Ranch Operations as defined within Section 2. Definitions of this document.
2. Buildings and structures associated with the extraction of oil, gas, coal, or other minerals.

Section 9. Plumbing Permits.

A. Except as provided in subsection B. of this section, before ~~performing any work any person performs work on any person installing; or installs plumbing plumbing in; a building; or structure, or modifying or installing a~~ eCommunity wWater sSystem, or sSmall wWastewater sSystem, shall apply to the Building Division to obtain a pPlumbing pPermit.

B. A pPlumbing pPermit shall not be required for:

1. Structures located on parcels ~~forty (40) acres or greater in size and~~ used exclusively for ~~Farm and Ranch Operations~~ as defined within Section 2. Definitions of this document.
2. Buildings or structures associated with the extraction of oil, gas, coal, or other minerals.

C. No pPlumbing pPermits for new Residential or any Commercial construction will be issued until the applicant provides proper verification that a potable water source will be provided to the project.

1. For on-lot wells a copy of the valid State Engineer's office well permit for the proposed use shall be required.
2. For shared wells, a valid Shared Well Agreement shall be submitted along with a copy of the State Engineer's office well permit for the proposed use.
3. For connections to Community or Public Water Systems, written verification shall be submitted from the owner of the system indicating the system has adequate capacity and that permission is granted to make the connection.

Section 10. Plumbing Permit for Residential Small Wastewater System.

A. Before performing any work, any person installing a Residential sSmall wWastewater sSystem shall apply to the Building Division to obtain a ~~small wastewater system Plumbing pPermit~~. All wastewater systems ~~shall~~ comply with the ~~Water Quality Rules and Regulations, Chapters 11 and 25 published by Wyoming Department of Environmental Quality, and the Delegation Agreement By and Between the Wyoming Department of Environmental Quality and Campbell County.~~

1. ~~1.~~ All ~~residential dwellings with~~ sSmall wWastewater sSystems for Residential-dwellings shall be permitted, inspected, and approved through the Building Division. If the percolation rate is less than ~~one minute~~ per inch or more than 60 minutes per inch, the sSmall wWastewater sSystem must be designed and sealed by an ~~Wyoming Licensed Professional~~ Engineer.
2. A complete application is required prior to inspection in the field. The application

~~shall clearly identify the location and results of the percolation tests, the location and materials for the proposed leach field, with the percolation results shown, the location and _____ placement of the leach field, indicating all materials to be used, the length of the _____ individual legs, depth to the base of the infiltrator or the leach field, and the location of a _____ replacement field is required at the time of inspection in the field.~~

3. ~~All other wastewater systems~~Any system that is not a Small Wastewater System for a Residential dwelling shall be permitted through the Wyoming Department of Environmental Quality.
4. Prior to re-energizing any home on a parcel where no information on the Small Wastewater System is on file, the septic tank shall be pumped to verify a 1000 gallon minimum capacity as required by Wyoming DEQ for single family dwellings with 4 bedrooms or less.

Section 11. Inspections.

- A. ~~A.~~ The Building Division shall perform required inspections during the normal course of construction and notify the ~~e~~Owner and builder of any violations found during any inspection.
- B. ~~B.~~ If an inspection reveals that a life threatening code violation exists, or that a project has commenced before the required permits have been obtained, the Building Division or Building Code Official shall issue a violation notice and a stop work order to the ~~e~~Owner.
- C. Upon completion of a project ~~that requires~~requiring a permit under this Chapter, and prior to occupancy, the Building Division shall perform a final inspection to determine conformance with the approved plans and codes. When there are no violations, a ~~C~~ertificate of ~~O~~ccupancy shall be issued.

Section 12. Adoption of Rules Regulating Construction.

- A. The following documents are adopted by reference into Chapter 4, as the Rules Regulating Construction ~~for~~ Campbell County, Wyoming:
 1. ~~International Fire Code, 2015~~ 2018 Edition, including Appendices A, D, E, F, G and B (B only applies in certain circumstances as outlined below).

Appendix B only applies in areas with access to a water supply capable of supplying the required fire flows.

- a. -The following amendments to the International Fire Code, as adopted by Section 12.A.1. above, are hereby made a part of this rule.

(1) Section 101.1 of the International Fire Code is amended to read as follows:

101.1 Title. These regulations shall be known as the Fire Code of Campbell County hereinafter referred to as “this code.”

(2) Section 108 Board of Appeal, is repealed in its entirety.

(3) Section 401.3.2 Alarm Activations, the following is added:

401.3.2.1 Central Stations. Central stations shall immediately notify the Campbell County Sheriff’s Office Dispatch for dispatch of the fire department of alarm signals initiated by any fire alarm, fire extinguishing system, or equipment. Supervisory signals shall be relayed to the Campbell County Sheriff’s Office Dispatch for dispatch of the fire department. The fire department must be notified by faxed or electronic report of all trouble signals which exist for greater than a single 6 hour time period. Campbell County Sheriff’s Office Dispatch, for the fire department, shall be contacted prior to notification of the subscriber.

(4) Section 505.1 Address Numbers, amended to read as follows:

505.1 New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. If the structure is not visible from the roadway because of terrain, trees or other obstruction, the address numbers shall be posted on both sides of a post which shall be a minimum of four (4') feet and maximum of seven (7') feet in height above the ground in a visible location within twenty (20') feet of a public ~~right-a-way~~ road at the ~~entrance of the~~ driveway to the structure. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 4 inches high with a minimum stroke width of 0.5 inch.

Exceptions: Structures within twenty-five (25') feet of a public ~~right-a-way~~ road may place the addresses on the structure.

(5) 506.1 Where required. Delete the first sentence and amend the

section as follows:

————Key boxes (Knox Box) shall be provided for Fire Department entry for all eCommercial occupancies. The key boxes shall be installed on all new businesses before occupancy is granted. Any existing businesses that obtaineds a permit to do any work or change of use or occupancy shall be required to install a key box before the work can be completed and signed off approved and occupancy resumed. The key box shall be located within 10 feet of the front doors, a minimum of 6 six feet above the ground level and not to exceed 7 seven feet in height unless approved in writing by the Building Code Official. ~~Campbell County Public Works Department~~, Building Division has the ordering forms for key boxes. The key box shall be of an approved type and shall contain items necessary to gain access as required by the Fire Department.

(6) Section 507.1 Required water supply. Amended to read as follows:

For areas with access to a water supply capable of supplying the required fire flows, fire protection shall be provided. For areas that do not have a water supply capable of providing fire flows, the Campbell County Fire Department tanker-shuttle system will be utilized as the fire protection method.

(7) Section 507.1.1 Building, or portions of buildings which are hereafter constructed or moved into the jurisdiction, which are required to be equipped with an Automatic Sprinkler System shall have access to an approved water system capable of providing the required Automatic Sprinkler System fire flows or shall provide an approved on-site water storage and delivery system capable of providing such flows.

(8) Section 507.5.1 Where Required. Amended to read as follows:

For areas with access to a water supply system capable of supplying required fire flows, fire hydrants providing the required fire flows shall be located within 500 feet of the building, as measured by an approved route around the exterior of the facility or building.

(9) Section 901.4.6.1 Clearances of the International Fire Code, a new section is added to read as follows:

901.4.6.1 Clearances. Fire Protection Equipment shall not be obstructed or concealed. Fire Protection Equipment is as follows, but shall not be limited to Fire Protection Equipment includes, but is not limited to, the following:

(5) Section 101.4.5 Fire Prevention. The provisions of the International Fire Code shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosions arising from storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression, automatic sprinkler systems and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

(6) Section 101.4.6 of the International Building Code is repealed.

(7) Section 102.6 Existing Structures, is amended to read as follows:

The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the International Fire Code, or as is deemed necessary by the Building Code Official for the general safety and welfare of the occupants and the public.

(8) Section 103.3 Deputies, is amended to read as follows:

In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the Building Code Official shall have the authority to appoint a deputy-building official, ~~the~~ related technical officers, inspectors, plan examiners, and other employees. Such employees shall have powers as delegated by the Building Code Official.

(9) Section 109 Fees, is repealed.

(10) Section 113 Board of Appeals, is repealed in its entirety.

(11) 114.3 Prosecution of violation, is repealed in its entirety.

(12) Chapter 13 Energy Efficiency, is repealed in its entirety.

(13) Section 1608.2 Ground Snow Loads, is amended to read as follows:

Structures shall be designed as follows: 1:12 pitch and flatter roof (4.76 degrees) shall be designed for a minimum roof ~~snow~~ live load of 35 psf with no reductions. Roof ~~snow live~~ load shall be 35 pounds per square foot, or as determined per ASCE 7 as referenced by the ~~2015 2018~~ Edition of the International Building Code ~~based upon a ground snow load (Pg) of 25 pounds per square foot, whichever is greater.~~ In either case, the effects of

unbalanced snow, drifting, sliding snow, and ponding shall be considered where applicable.

Greater than 1:12 pitch roofs (4.76 degrees) shall be designed for a minimum roof ~~snow live~~ load of 30 pounds per square foot with no reductions. Roof ~~snow live~~ load shall be 30 pounds per square foot, or as determined per ASCE 7 as referenced by the ~~2015~~ 2018 Edition of the International Building Code ~~based upon a ground snow load (Pg) of 25 pounds per square foot, whichever is greater.~~ In either case, the effects of the unbalanced snow, drifting, sliding snow, and ponding shall be considered where applicable.

(14) Section 1609.3 ~~Ultimate-Basic~~ Design Wind Speed, is amended to read as follows:

~~Ultimate-Basic~~ Design Wind Speed 115, Nominal Wind Speed 90 Exposure C

Climatic and Geographical Design Criteria

Roof Snow Live Load (psf)	Basic Design Wind Speed Per IBC 1609.3 Wind Speed Ult. 115 Nom. 90 mph	Seismic Design Category	Subject to Damage From			Winter Design Temp (°f)	Ice Barrier Under-layment Requirements	Flood Hazards	Air Freezing Index	Mean Annual Temp (°f)
			Weathering	Frost Line Depth (in.)	Termite					
30-35*	Exp. C	B	Severe	42	Slight/moderate	-5	Yes	Jan. 02 2008	2000	45

*See Section 12. A. 2. a. (12)

(15) Section 1612 Flood Loads is repealed in its entirety and replaced with the following:

The Flood Damage Prevention Resolution. All new construction of buildings, structures, and portions of buildings and structures, including substantial improvements and restoration of substantial damage to buildings and structures shall comply with the above document.

(16) 1803.5.3 Expansive soils.

The Building Code Official shall require soil tests to be performed for all commercial and industrial buildings.

(17) Section 1809.4 Depth of Footings, is amended to read as follows:

The minimum depth of footings below the undisturbed ground surface shall be 42" inches; or protected from frost with an approved method.

(18) 1904.3 Sulfate exposures is added and reads as follows:

Concrete that will be exposed to sulfate-containing solutions or soils shall comply with the maximum water-cementitious materials ratios, minimum specified compressive strength and be made with the appropriate type of cement in accordance with the provisions of ACI 318, Section 4.3.

soils
_____ investigation _____ containing data on sulfates, the owner
or applicant must use a
_____ concrete _____ mix design meeting the following
specifications:

Use Type V cement or increase the amount of Type II Modified cement in concrete to obtain a maximum water-to-cement ratio of 0.45 (by weight, normal weight concrete) and a minimum compressive strength f_c of ~~4,500~~ 4000 pounds per square inch (psi).

(19) Section 2901.1 Scope, is amended to read as follows:

The provisions of this Chapter and the International Plumbing Code shall govern the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing equipment and systems. Toilet and bathing rooms shall be constructed in accordance with Section ~~1210~~ 1209 of the IBC ~~2015~~ 2018. Plumbing systems and equipment shall be constructed, installed, and maintained in accordance with the International Plumbing Code. ~~Private sewage disposal systems, which consist of residential and commercial systems,~~ Residential Small Wastewater Systems shall conform to the Delegation Agreement.

3. International Residential Code, ~~2015~~2018 Edition, including Appendixes A, B, C, and E.

The International Residential Code (IRC) is adopted for the purpose of providing standards for residential construction, including plumbing and mechanical codes on Platted Subdivisions Lots. Electrical provisions are obtained from the currently adopted NEC. To obtain a Certificate of Occupancy all applicable portions of the IRC shall apply.

a. The following amendments to the International Residential Code, as adopted by Section 12.A.3. above, are hereby made a part of this rule:

(1) Section R104.10.1 Areas Prone to Flooding, is repealed and replaced with _____ the following:

All residential construction in areas prone to flooding shall comply with Flood Damage Prevention Resolution.

(2) Section R105.2 Work Exempt from pPermit, is amended to read as follows:

R105.2 Work Exempt from pPermit.

~~Permits shall not be required for the following:~~

Exemption from permit requirements of this code 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 ordinances of this jurisdiction.

Permits shall not be required for the following:

Building: Numbers 1 through 10 remain unchanged, add number 11 as follows:

(11) Non-habitable accessory structures ~~placed a minimum of thirty (30') feet from a dwelling and the property lines. This includes including,~~ but is not limited to, pole barns and similar structures that meet the following requirements:-

1. There shall be clear separation distance of seven (7') feet between the structure and any dwelling; and
2. The structure shall not be attached to a dwelling with a breezeway or other form of connecting structure.
3. The clear roof span is less than 61 feet.

(3) Section R108 Fees, is repealed.

(4) Section R109.1.3 Flood Plain Inspections, is amended to read as follows:

For construction in areas prone to flooding, as established Flood Damage Prevention Resolution.

(5) Section R112 Board of Appeals; is repealed.

(6) Section R112.2. is added to read as follows:

Criteria for issuance of a variance for areas prone to flooding shall be in accordance with Article IV, Section C of the Flood Damage Prevention Resolution.

(7) Section R114.2 Unlawful Continuance is repealed.

(8) (Table R301.2 (1), replaced with the following:

Climatic and Geographical Design Criteria

Roof Snow <u>Live Load</u> (psf)	Basic <u>Design</u> Wind <u>Speed</u> Per IBC <u>1609.3</u> Wind Speed U_t 115 Nom. 90 mph	Seismic Design Category	Subject to Damage From			Winter Design Temp (°f)	Ice Barrier Under- layment Require- ments	Flood Hazards	Air Freezing Index	Mean Annual Temp (°f)
			Weathering	Frost Line Depth (in.)	Termite					
30-35*	Exp. C	B	Severe	42	Slight/ moderate	-5	Yes	Jan. 02, 2008	2000	45

* See Section 12. A. 2. a. (12)

(9) Table R302.1(2) of the International Residential Code is repealed.

(10) Section R302.13 of the International Residential Code is repealed.

(11) Section R309.5 of the International Residential Code is repealed.

(12) Sections R310.2.3.2 & R310.3.2.1 Drainage, of the International Residential Code is amended to read as follows:

R310.2.3.2 & R310.3.2.1 Drainage. Window wells and Bulkhead enclosures shall be designed for proper drainage by connecting to the building's foundation

drainage system required by Section R405.1 or by an approved alternative method.

(13) Section R313.1 & R313.2 of the International Residential Code is repealed.

(14) Sections R313.1.1 & R313.2.1 of the International Residential Code is amended to read as follows:

Sections R313.1.1 & R313.2.1 When provided automatic residential fire sprinkler systems for buildings covered under the International Residential Code shall be designed and installed in accordance with IRC Section P2904, or NFPA 13D.

(15) R401.4 Soil tests.

In areas likely to have expansive, compressible, shifting, or other unknown soil characteristics, the Building Code Official shall require a soil investigation to determine the soil's characteristics at a particular location. ~~This investigation shall be made by an approved agency using an approved method.~~

Exception: In lieu of a soil investigation, the owner shall submit to the Building Code Official a signed and sealed letter from an ~~Wyoming Registered Professional Engineer~~ stating that the soils are ~~adequate for the proposed application~~ not expansive. The letter shall reference Table R401.4.1 from the International Residential Code and specify the appropriate Class of Material to be used for foundation design.

(16) Chapter 11 Energy Efficiency, repealed in its entirety.

(17) M1411.8 Locking access port caps, repealed in its entirety.

(18) M1502.4.2 Duct Installation, repealed in its entirety and replaced with:

Duct Installation. Dryer exhaust ducts shall be supported at intervals not to exceed 4 feet and shall be secured in place. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of airflow. Exhaust ducts joints shall be sealed in accordance with Section M1601.4.1 Ducts shall not be joined with screws or similar fasteners.

(19) M1701.2.1 Exhaust and ventilation system, add a new section to the IRC. All dwellings shall have make-up air for the exhaust systems provided in the following manner:

Piping for the make-up air shall come from the outside exterior of the dwelling to the return-air duct of the HVAC system, or to an opening in a laundry room or other acceptable location. A four (4) inch minimum diameter pipe shall be used.

(20) Section G2406.2 Prohibited Locations, exceptions 3 & 4 are repealed and replaced with the following:

Unvented fuel burning equipment shall not be installed, used, or maintained within a dwelling unit.

(21) Section G2444.1, Unit Heaters, this section is repealed.

(22) Section G2445.2 Prohibited Use, is amended to read as follows:

Unvented room heaters shall not be used in attached or detached garages unless protected by a carbon monoxide detection system and equipped with an oxygen-depletion safety system.

(23) Section G2445.4 Unvented Room Heaters, Prohibited Locations; amended to read as follows:

The location of unvented room heaters shall comply with Section G2406.2 as amended in this document.

(24) Section P2503.5.1 Rough Plumbing. DWV Drain, waste and venting systems shall be tested on completion of the rough piping installation by water or by air with no evidence of leakage. Either test shall be applied to the drainage system in its entirety or in sections after rough piping has been installed, as follows:

1. Water test. Each section shall be filled with water to a point not less than 10 feet above the highest fitting connection in that section, or to the highest point in the complete system. Water shall be held in the section under test for a period of 15 minutes. The system shall prove leak free by visual inspection.
2. Air Test. The portion under test shall be maintained at a gauge of 5 pounds per square inch (psi). This pressure shall be held without introduction of additional air for a period of 15 minutes.

(25) Section P2601.3 Flood Hazard Area, amended to read as follows:

In areas prone to flooding as established by Flood Damage Prevention Resolution, plumbing fixtures, drains, and appliances shall be located or installed in accordance with Article V Section A of the above document.

(26) Section P2602.2 Flood Resistant Installation, is amended to read as follows:

In areas prone to flooding as established by the Flood Damage Prevention Resolution: Remainder of the section unchanged.

(27) Section P2603.5.1 Sewer Depth, is amended to read as follows:

Building sewers that connect to private sewage disposal systems shall be a minimum of thirty-six (36") inches below finished grade at the point of septic tank connection. All building sewer piping shall be a minimum of thirty-six (36") inches below grade.

(28) Section P2603.5 Freezing, amend the last sentence to read:

All water service lines pipe and outside exterior water lines-pipes shall be installed not less than five-foot six (5'6") inches below grade.

Exception: Lawn watering systems need not be installed at the above depth.

Add the following language to the end of this section:

Water services for mobile/manufactured homes shall use a Woodford ~~the either~~ a-Therma ~~line,~~ or ~~equivalent~~ water connector, or shall be placed in a hydrant, or a 12" diameter by 5 ft. deep long pipe/culvert which contains the waterline inside and is located up under the mobile/manufactured home.

(29) Section P2705.1 Installation, item #3, is repealed.

(30) Section P3001.3 Flood-resistant Installation, is amended to read as follows:

In areas prone to flooding, as established by ~~Campbell County Flood~~ the Flood Damage Prevention Resolution, drainage, waste, and vent systems shall be located and installed to prevent infiltration of floodwaters into the systems and discharges from the systems into floodwaters.

(31) Delete Chapters 34 through 42 (Electrical Provisions) of the International Residential Code and replace with the 2014/2017 NEC.

(32) Add Appendix E, Section AE101 General, is amended to read as follows:

Section AE101.1 General. These provisions shall be applicable to all manufactured homes used as a single dwelling unit and shall apply to the following: Remainder of this section unchanged.

(33) Section AE304 Fees, is repealed. There are no fees for plan review or inspections. Re-inspection fees may apply per Section 4. C. 3.

4. International Mechanical Code, ~~2015~~ 2018 Edition, including Appendix A.

a. The following amendments to the International Mechanical Code, as adopted by Section 12.A.4. above are hereby made a part of this rule.

(1) Section 106.5 Fees; is repealed. There are no fees for plan review or inspections. Re-inspection fees may apply per Section 4. C. 3.

(2) Section 108.4 Violation Penalties, is repealed.

(3) Section 108.5 Stop Work Orders, is repealed.

(4) Section 109 Means of Appeal, is repealed in its entirety.

(5) Section 301.2 Energy Utilization, is repealed.

(6) Section 303.3 Prohibited Locations, is amended to read as follows:

Except in attached or detached garages protected with a carbon monoxide detection system and equipped with an oxygen-depletion safety system, unvented fuel burning equipment shall not be installed, used, maintained, or permitted to exist in any building.

(7) Table 403.3.1.1 shall be amended to include footnote i. Footnote i shall read as follows: For repair garages, the required 0.75 cfm per square ft. of exhaust airflow may be achieved by providing 0.25 cfm of continuous airflow per sq. ft. with an additional 0.50 cfm of intermittent airflow per sq. ft. when installed in accordance with Section 404.

~~(88)~~ Section 501.3 Outdoor Discharge. The air removed by every mechanical exhaust system shall be discharged outdoors at a point where it will not cause a nuisance and from which it cannot again be readily drawn in by a ventilating system. An attic not used for make-up air may have exhaust ducts terminate in the attic. The exhaust duct shall ~~be extend to~~ a minimum of six (6") inches above the insulation.

(99) Section 604.1 General, delete the reference to the International Energy Conservation Code. The rest of the section to remain as is.

5. The International Plumbing Code, ~~2015~~2018 Edition, including Appendix A and B:

a. The following amendments to the International Plumbing Code, as adopted by Section 12.A.5 above, are hereby made a part of this rule.

(1) Section 106.6 Fees, is repealed. There are no fees for plan review or inspections. Re-inspection fees may apply per Section 4. C. 3.

(2) Section 108.4 Violation Penalties is repealed.

(3) Section 108.5 Stop Work Orders, is repealed.

(4) Section 109 Means of Appeal, is repealed in its entirety.

(5) Section 305.4 Freezing. The last sentence is amended to read as follows:

Exterior water supply system piping shall be installed below the frost line and not less than five-foot six (5'6") inches below grade.

Exception: Lawn watering systems need not be installed at the above depth.

Add the following language to the end of this section:

Water services for mobile/manufactured homes shall use a Woodford ~~be either a~~ Therm~~o~~line, or ~~_____~~ equivalent water connector, or shall be placed in a hydrant, or a 12" diameter by 5 ft. deep ~~_____~~ long ~~pipe/culvert which contains the~~ _____ ~~water line inside and is~~ located up under the ~~mobile/manufactured~~ home.

(6) Section 305.4.1 Sewer Depth, is amended to read as follows:

Building sewers that connect to private sewage disposal systems shall be a minimum of 36" inches below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 36" inches below grade. All sewer lines will be required to have a full size end of line cleanout.

(7) Section 312. 3. Drainage and Vent air test. ~~DWV~~ Drain, waste, venting systems shall be tested on completion of the rough piping installation by water or by air with no evidence of leakage. Either test shall be applied to the drainage

system in its entirety, or in sections after the rough piping has been installed, as follows:

(8) Water test. Each section of piping shall be filled with water to a point not less than 10 feet above the highest fitting connection in that section, or to the highest point in the completed system. Water shall be held in the test section (under test) for a period of 15 minutes. The system shall prove leak free by visual inspection.

(9) Air Test. The portion under test shall be maintained at a gauge of 5 pounds per square inch (psi). This pressure shall be held without introduction of additional air for a period of 15 minutes. A contractor using air to test plastic pipe shall be aware of the risk.

(10) 602.1 General. WATER REQUIRED is amended to read as follows:

602.1 General.

Every structure equipped with plumbing fixtures and utilized for human occupancy or habitation shall be provided with a potable supply of water in the amounts and at the pressures specified in this Chapter. All shared wells shall be required to install a dual check valve on each water service line. ~~If all Section 13,~~

Design and

~~Construction Rules for a Community~~

~~Water System~~ regulations are met, the system requirements in Section 13 of this document may be ~~used in place of those the amounts and pressures~~ prescribed in the 20152018 International ~~Plumbing Code~~ when the complete Community Water System rules have been ~~complied with.~~

(11) Section 701.2 Sewer Required, is amended to read as follows:

Every building having plumbing fixtures installed and all premises having drainage piping shall be connected to a public sewer, where available, or an approved private sewage disposal system in accordance with the Delegation Agreement ~~By and Between the Wyoming DEQ and Campbell County,~~ Wyoming.

(12) Section 708.1.1.2 Base of stack, is added to read as follows:

A full size cleanout shall be provided at each end of the line base waste or soil stack.

(13) Section 903.2 Frost closure shall be amended to the following:

Vent extensions through a roof or wall shall be not less than 3 inches in diameter. Any increase in the size of the vent shall be made not less than 1 foot below the roof line.

6. The National Electrical Code, 2014-2017 Edition; as copyrighted by the National Fire Protection Association, including Article 80, also known as Annex H.

~~(a) There is hereby adopted by the reference the National Electric Code, 2014-2017 Edition, that certain document as copyrighted by the National Fire Protection Association including Article 80, also known as Annex H. Said document is hereby adopted as the Electric Code for the areas of Campbell County for regulating the installation, maintenance, operation and repair of all electric wiring and electrical apparatus of any nature whatsoever, whether inside or outside of any building or structure and each and all such regulations, provisions, penalties, conditions and terms of the National Electric Code, 2014-2017 Edition, including Article 80, are hereby referred to, adopted, and made a part thereof as though fully set forth herein, excepting such portions as hereinafter deleted, modified or amended.~~

~~(b) The following amendments to the National Electric Code, as adopted by the preceding paragraph of this section Section 12.A.6 above, are hereby made a part of this rule. and incorporated in such National Electric Code.~~

- (1) Section 80.1 (2) of the National Electric Code, is repealed.
- (2) Section 80.15 Electric Board of the National Electric Code, is renamed Building Code Appeals Board.
- (3) Section 80.15 (A) of the National Electric Code is repealed.
- (4) Sections (B) through (H) of Section 80.15 of the National Electric Code are repealed.
- (5) Sections 80.23(B) (3) of the National Electric Code, is repealed.
- (6) Section 80.27 Inspectors Qualifications
 - (a) Inspectors qualifications as required by State Statute 35-9-121(a)(iv) for Home Rule requirements only. For Local enforcement, all Inspectors employed by Campbell County can/will do Electrical Inspections.
 - (b) Sections 80.27 (B), (C), and (D) are repealed.
- (7) Sections, 80.33 and 80.35 are repealed.

(a) Section 230.70(A (1) Readily Accessible Location, amended to read as follows:

The service disconnecting means shall be installed at a readily accessible location outside of a building or structure. (Note: Mobile Homes and Manufactured Homes shall comply with Article 550 of the National Electrical Code.)

(8) Section 230.79 (C) of the National Electric Code is amended to read as follows:

(C) One and Two Family Dwellings and Townhouses. For a one-family, two-family or townhouse dwelling, the service disconnecting means shall have a rating of not less than 200 amperes, 3-wire.

(9) Section 250.53 (A) (2) Exception shall be repealed in its entirety.

7. The International Existing Building Code 2018:

(a) The following amendments to the International Existing Building Code, as adopted by Section 12.A.7 above, are hereby made a part of this rule.

(1) Section 101.4.2 Building previously occupied, reference to the International Property Maintenance Code is removed.

(2) ~~Section~~Section 1401.2 Conformance, reference to the International Property Maintenance Code is removed.

8. The International Fuel Gas Code ~~2015~~2018 Edition, including all Appendices;

a. The following amendments to the International Fuel Gas Code, as adopted by Section 12.A.8. above, are hereby made a part of this rule.

(1) Section 106.6 Fee Schedule, is repealed. There are no fees for plan review or inspections. Re-inspection fees may apply per Section 4. C. 3.

(2) Section 108.4 Violation Penalties, is repealed.

(3) Section 108.5 Stop Work Orders, is repealed.

- (4) Section 109 Means of Appeal, is repealed in its entirety.
- (5) Section 303.3 Exceptions, #3 and #4 are deleted.
- (6) Section 621.4 Prohibited Locations, amended to read as follows:

Except in attached or detached garages protected with a carbon monoxide detection system and equipped with an oxygen-depletion safety system, unvented room heaters shall not be installed within occupancies in Groups A, B, E, F, H, I, M, R.

- 9. The Liquefied Petroleum Gas Code (NFPA 58), 2014 Edition, including all Appendices;
- 10. The Flood Damage Prevention Resolution.
- 11. ~~WDEQ Wyoming DEQ Water Quality Rules and Regulations Chapter 25 Septic Tank and/or Soil Absorption Systems~~, supplemented as follows:

- a. There shall be a maximum of one (1) septic system per any parcel, 10 acres or less in size, and no more than one (1) septic system per each ten (10) acres area on larger parcels. Multiple septic systems shall be spaced a minimum of 600 ft. apart.

- ~~2. b. Water Quality Rules and Regulations Chapter 11, amend Appendix A (b) Preparation Percolation Test Holes. Test holes shall be drilled in the proposed area of the absorption (leach) field site. An excavation shall be dug to the approximate depth of the leach field and then the holes shall be drilled a minimum of thirty (30") inches in depth and the percolation tests performed.~~

- ~~b. The current Campbell County Public Works Building Division Small Wastewater System Record shall be used for percolation test procedures, leach field sizing, system design, installation parameters and documentation.~~

- ~~3. c. No single 'leg' of the leach field shall exceed one hundred (100') feet in length.~~

- ~~c. Remove Sections 5 and 8 – use Small Wastewater System Record.~~

- ~~d. Leach fields, using conventional plumbing 'Tees', shall consist of trench configurations of one (1), two (2), four (4), or eight (8) trenches, none of which shall exceed one hundred (100') feet in length. Each tee shall be oriented to equally split the flow.~~

- ~~d. Remove Sections 10c, 10d, 14, 15, 16, 17, 19 and Appendix B. DEQ to regulate these items.~~

~~e. Two hundred (200) gallons per day per bedroom shall be used as the Quantity of Domestic Sewage Flow for the Single Family Dwelling and Multiple Family Dwelling.~~

Section 13. ~~Design and Construction Rules for a~~ Community Water Systems.

A. Scope. The provisions of this section shall apply to the minimum design and installation requirements for a Community Water System.

B. Purpose. The purpose of these standards is to:

1. Protect the health, safety, and welfare of the users of the ~~community_~~ water ~~systems.~~

~~3.~~ ~~2.~~ Provide an alternative method for providing water services in lieu of using Chapter 6 of the ~~2015~~ 2018 International Plumbing Code.

C. ~~General Requirements-Applicability~~

1. The system must have no more than nine ~~9~~ Water Sservice Cconnections and must serve fewer than twenty-five (25) individuals with water for human consumption.

~~2.~~ ~~2.~~ A Ccommunity Wwater Ssystem shall not be used when servinga system serves an average of at least 25 people with water for human consumption for at least 60 days a year. These systems qualify as a Public Water Systems per EPA (Environmental Protection Agency), and requirements related to them are found in Wyoming DEQ Water Quality Rules and Regulations Chapter 12.

~~3.~~ 3 For all new systems with four (4) or more Water Service Connections, a Community Water System is required.

4. For multi unit apartment complexes on single parcels the requirements in Section 13 based on numbers of Water Service Connections regarding flow, pressure, pipe sizing, etc. do not apply as written and must be modified accordingly.

D. Design Parameters and System Requirements.

~~3.~~ 1. Community Water systems shall comply with Wyoming DEQ Water Quality Rules and Regulations, Chapter 12 except as amended below.

~~a.~~ Level of Treatment.

~~(a)~~ Level of Treatment. Treatment shall be provided to produce a potable water supply that is bacteriological, chemically, radiologically, and physically safe as determined by an ~~Wyoming Licensed Professional Engineer or a Wyoming Professional Geologist.~~

~~(b)~~ Surface Water Supplies.

~~(a)~~ Surface water shall not be used for potable water sources.

~~(c)~~ Ground Water Supplies.

~~(a)~~ Disinfection equipment shall not be required unless the ~~level of treatment Section 13.C.3.a (1) cannot be obtained.~~ ~~above~~ When disinfection equipment is necessary it shall be designed by an ~~Wyoming Licensed Professional~~ Professional Engineer.

~~(d)~~ Treatment.

~~(a)~~ When treatment is required, one treatment unit capable of ~~the maximum demand~~ shall be required and shall be designed by an ~~Wyoming Licensed Professional~~ Professional Engineer.

~~(e)~~ Equipment providing required flows.

~~(a)~~ Multiple pumping and/or treatment equipment shall not be ~~required.~~ However, equipment ~~needs shall be determined by an~~ ~~Wyoming Licensed Professional~~ Professional Engineer ~~or Professional~~ Geologist.

(f6) Alternative Power.

~~(a)~~ Alternative power shall not be required unless fire protection is provided.

(g7) Flow and Pressure Requirements.

(1a) Pressure shall be reviewed by an ~~Wyoming Licensed Professional~~ Engineer ~~or Professional Geologist~~ and included in the design report.

(2b) The design flow for the system shall be 7 gallons per minute (gpm) for each Water Service Connection plus an additional 10 gpm.

(3e) When the design flow from (2b) is proportioned to the 1/3 of the ~~locations~~services with the highest head loss, a minimum of forty (40) psi shall be met at those ~~services~~locations.

(4d) When the design flow rate from (2b) is proportioned to the 1/2 of the ~~locations~~services with the highest head loss, a minimum of twenty-five (25) psi shall be met at those ~~locations~~services.

(h8) Finished water storage.

(1a) Storage shall not be required if a twenty-four (24) hour pump test of the yield and drawdown of the well taken as described in DEQ Chapter 12 demonstrates the well can produce a minimum of ten ~~(10)~~ gpm per Water Service Connection and that a submersible

~~(d)g(4).~~ pump has been

installed which can provide pressures as called for in ~~7(e) g(3) and 7~~

~~(d)g(4).~~

(2b) When the above criteria cannot be met, finished water storage shall be provided in the amount of two (2) times the average daily demand for the system .

(i9) Pumping units.

~~(a)~~ Single pumping units as necessary shall be provided.

~~(a)~~ Alarms are not required at attended pump stations.

~~D. County Requirements~~

~~1. For all new systems with four (4) or more service connections, a Community Water System is required.~~

~~12. A complete Permit to Construct is required. Permitting is required. Contact Public Works Engineering Division for permit forms and general requirements.~~

~~23. A design report, plans and hydraulic analysis shall be provided by an Engineer.~~

~~4. During construction, inspections are required by Engineer and by Campbell County Public Works.~~

~~5. The Engineer shall provide 'as constructed plans' for the Community Water System within thirty (30) days of completion.~~

~~26. Maintenance of a community water system shall be provided for by a water well agreement or home/landowner association documents filed at the Campbell County Clerk's Office.~~

~~3. A Wyoming Licensed Professional Engineer or Professional Geologist shall provide 'as constructed plans' for the Community Water System within thirty (30) days of completion. A design report, plans and hydraulic analysis, all signed and sealed by a Wyoming Registered Professional Engineer or Professional Geologist, shall be provided with the 'as constructed plans'.~~

~~47. Access and utility easements shall be provided. A water well and storage easement shall be provided and filed at the Campbell County Clerk's Office.~~

~~58. A copy of the U.W. 5 water well permit from the State Engineer's Office shall be provided.~~

~~63.9. The cCommunity wWater sSystem shall be subject to all applicable codes, permits, and inspections required by the Building Division.~~

~~7410. Backflow prevention in accordance with the 20152018 International Plumbing Code shall be installed.~~

~~8511. Piping material shall be any material allowed for potable water piping in Table 605.4 20152018 International Plumbing Code.~~

~~9612. When providing potable water to four (4) to six (6) Water Sservice Cconnections,~~

a

~~looped supply line of no smaller than two (2") inches in diameter shall be provided. This looped system shall provide a stub line, no smaller than two~~

~~(2") inches in diameter that _____ terminates within the public access road right-of-way which provides access to the _____ subdivided area.~~

~~a water service line shall be extended to the property line for each parcel.~~

~~10713. When providing potable water to seven (7) to nine (9) connections a looped supply line no smaller than three (3") inches in diameter shall be provided. This looped _____ system shall provide a stub line, no smaller than three (3") inches in diameter that _____ terminates within the public access road right-of-way which provides access to the _____ subdivided area. A water~~

~~_____ service line shall be extended to the property line for each parcel.~~

~~11814. Pressure tanks shall be provided in accordance with pump manufacturers recommendations. Minimum volumes shall be ~~Regardless of pump manufacturers recommendations, pressure tanks~~ cumulative volume shall not be less than three (3) gallons per Water Service~~

~~Connection ~~connection should a~~ _____ for variable speed drive pumps and be used. The minimum cumulative volume for conventional _____ pumps shall be fifteen (15) gallons per Water~~

~~Sservice Connection for conventional pumps. ~~connection.~~~~

~~a9. In addition to the above requirements, forty (40') feet of surface casing shall be installed and the annular space between the borehole and the surface casing shall be filled with cement, grout, or bentonite slurried material. The well bore shall not continue until the surface casing is installed.~~

~~172010. Flushing hydrants shall be provided as determined by an Wyoming Licensed _____ Professional Engineer.~~

~~1811.11 Water wells shall be placed at a maximum density of two (2) per forty (40) acres, and shall provide a minimum of two (2) gpm per Water Service Connection.~~

E. Construction requirements

~~121. A complete Permit to Construct is required. Permitting is required. Contact Public Works Engineering Division for permit forms and general requirements prior to construction.~~

~~2. 4. During construction, inspections are required by Engineer to verify that the project is being built according to the approved and permitted design, and that all requirements are being met.~~

~~i. During construction, inspection are required by and by Campbell County Public Works- Engineering division.~~

Forty eight (48) hour notice must be given prior to any work being done.

164. The entire Community Water System shall be disinfected and flushed in accordance with the Wyoming Public Works Standard Specifications prior to water samples being taken.

5. Water samples shall be taken at the curb stop for each Water Service Connection, and shall be tested.

F. Closeout and Documentation requirements

1. 5. The Engineer shall provide 'as constructed plans' for the Community Water System within thirty (30) days of completion.

2. 26. Maintenance of a Community Water System shall be provided for by a water well agreement or home/landowner association documents filed at the Campbell County Clerk's Office.

3. Access and utility easements shall be provided for the water well and storage tanks. Easements shall be filed at the Campbell County Clerk's Office.

58.4 A copy of the U.W. 5 water well permit from the State Engineer's Office shall be provided.

1215.5 Water well "as-constructed" data shall be provided by an Wyoming Registered Professional Engineer or Professional Geologist demonstrating the water well was constructed in accordance with the current Wyoming State Engineer's Office Water Well Minimum Construction Standards. ~~a. In addition to the above requirements, forty (40') feet of surface casing shall be installed and the annular space between the borehole and the surface casing shall be filled with cement, grout, or bentonite slurried material. The well bore shall not continue until the surface casing is installed.~~

1316. At a minimum, water quality testing shall be conducted and reviewed by an Wyoming Licensed Professional Engineer or Professional Geologist for the following:

a. Total dissolved solids (TDS),

b. Nitrate & Nitrite as N,

c. Total Coliform,

- ~~_____~~ d. Sulfates₂
- ~~_____~~ e. Calcium₂
- ~~_____~~ f. Magnesium₂
- ~~_____~~ g. Sodium₂
- ~~_____~~ h. Chloride₂
- ~~_____~~ i. Iron₂
- ~~_____~~ j. Zinc₂
- ~~_____~~ k. Lead₂
- ~~_____~~ l. Fluoride₂
- ~~_____~~ m. Manganese₂
- ~~_____~~ n. Copper₂
- ~~_____~~ o. Arsenic₂
- ~~_____~~ p. pH₂
- ~~_____~~ q. and E-Coli₂

SAR (Sodium Absorption Rate) and/or other constituents to be reviewed as considered necessary. ~~Other required testing will be requested prior to drilling.~~

~~1417.~~ ~~Samples of water shall be drawn at each service location. The test results from the water samples taken at each Water Service Connection shall be -at the curb stop and~~ submitted with the record documents.

~~1518.~~ A written report from an ~~Wyoming Licensed Professional~~ Engineer ~~or Professional Geologist~~ analyzing EPA Primary Drinking Water Standards is required.

~~1922.9~~ A map from an ~~Wyoming Licensed Professional~~ Engineer or ~~p~~Professional ~~l~~and ~~s~~Surveyor shall be provided for all ~~C~~community ~~W~~water ~~S~~systems that identifies ~~. B~~bearings & distances from property corners to the distribution lines. ~~all community water system line(s) providing water service shall be~~ ~~provided.~~