

Exhibit A
TOWN OF FLORENCE
CODE OF ORDINANCES
TECHNICAL CODES

§ 150.300 CODES ADOPTED

A. The Following publications are adopted by reference.

- (1) International Building Code, 2018 Edition, including Appendices B, C, and I.
- (2) International Residential Code, 2018 Edition, including Appendices G, H, and P.
- (3) International Mechanical Code, 2018 Edition.
- (4) International Plumbing Code, 2018 Edition.
- (5) International Fuel Gas Code, 2018 Edition.
- (6) International Energy Conservation Code, 2018 Edition.
- (7) International Existing Building Code, 2018 Edition.
- (8) International Swimming Pool and Spa Code, 2018 Edition.
- (9) International Fire Code, 2018 Edition, including Appendices B, C, D, E, F, G and I.
- (10) International Property Maintenance Code
- (11) National Electrical Code, 2017 Edition.
- (12) Accessible and Usable Buildings and Facilities Code, ICC A117.1, 2010 Edition Standards.

B. Addendums and alternatives to the Technical Codes shall be as follows:

1. Insert the words "Town of Florence" as the "name of the jurisdiction." In Section 101 of the adopted publications 1-10 as listed in paragraph (A) above.
2. Amend all Sections referencing "Work commencing before permit issuance" in the adopted publications 1-10 as listed in paragraph (A) above, by adding a sentence at the end of the paragraph to read as follows: This fee, as determined by the Building Official, shall be no greater than two (2) times the amount of the permit fee based on the current fee schedule adopted by the Town.
3. Amend all Sections referencing "Refunds or Fee Refunds" in the adopted publications 1-9 as listed in paragraph (A) above, to read as follows: The Building Official shall be permitted to authorize refunding of a fee paid hereunder which was erroneously paid or

collected. The Building Official shall be permitted to authorize refunding of not more than 80 percent (80%) of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or cancelled before any examination time has been expended. Plan review fees shall not be refunded once the examination of plans has started. Refunds shall be requested by written application and filed by the original permittee not later than 30 days after the date of fee payment.

4. The Building Official shall be permitted to authorize refunding of not more than 80 percent (80%) of the permit fee paid when no work has been done under a permit issued in accordance with this code.
5. Amend all Sections referencing "Board of Appeals" in the adopted publications 1-10 as listed in paragraph (A) above, delete in its entirety and replace as follows: In order to hear and decide appeals of orders, decisions, determinations made by the Code Official(s) relative to the application and interpretation of the technical codes, there shall be and is hereby created a Board of Appeals. A person shall have the right to appeal a decision of the Code Official to the Board of Appeals pursuant to section 150.301 of the Town of Florence Code of Ordinances.
6. Section 202 Definitions. Amend all sections by adding the following definitions
 - a. **ABANDONED.** A building that is no longer used or occupied by its owner or other legally permitted occupant and the building does not meet the definition of Unoccupied Structure as determined by the Building Official. Evidence of building being abandoned includes a vacant building with any two of the following: lack of visible activity or use; overgrown or dead vegetation.
 - b. Accumulation of trash, junk or debris; absence of furnishings; evidence of criminal mischief or criminal trespass; evidence of dilapidation, decay, damage, deterioration; nonpayment or disconnection of utilities, including fire protection systems.
 - c. **UNOCCUPIED STRUCTURE.** A building with a documented Certificate of Occupancy that has maintained the appearance of the building, maintained the utilities as required for fire protection and security, and is actively seeking occupancy either through sale or lease through customary commercial methods. To maintain this status an owner must have owner-initiated inspections and approval from the Town of Florence building officials every 12 months for a period of no longer than 36 months from initial vacancy. If a building has an approved fire alarm or fire sprinkler system, the building may retain the classification of Unoccupied Structure beyond 36 months. Buildings that no longer meet the definition of Unoccupied Structure are either Vacant or Abandoned.
 - d. **VACANT.** A building that is no longer used or occupied by its owner or other legally permitted occupant. A building that no longer meets the requirement of an unoccupied structure as defined.

7. International Building Code, 2018 Edition.

a. Section 105.2 Work exempt from a permit.

- i. Building: Amend item 1 to read as follows: One-story detached accessory structures used as tool and storage sheds, playhouses, and similar uses, provided the floor area is not greater than 200 square feet with a maximum wall height of 10 ft.

b. Section 109.7 Re-inspection fees.

- i. New Subsection added to read as follows:
 1. Re-inspection fees, as determined by the Building Official, may be assessed for each inspection or re-inspection when such portion of work, for which an inspection is called, has not completed or when corrections called for are not made. This section is not to be interpreted as requiring fees for the first time an inspection is rejected due to failure to comply with the requirements of the code, but as a means of controlling the practice of calling for inspections before the job is ready for such inspection(s) or re-inspection(s).
 2. A re-inspection fee may be assessed when the inspection record card is not posted or otherwise available on the work site, the approved plans are not readily available to the Inspector, for failure to provide access on the date for which inspection is requested, or for work performed deviating from approved permitted plans. In instances where re-inspection fees have been assessed, no additional inspection(s) shall be scheduled until the required fees have been paid in accordance with the fee policy established by the Building Official.

c. Section 111.3 Temporary occupancy.

- i. Amend to read as follows: If the Building Official finds that no substantial hazard will result from occupancy of any building or portion thereof before the same is completed or before all required on-site and off-site improvements are completed, a Temporary Certificate of Occupancy (TCO) may be issued for the use of a portion or portions of a building or structure prior to the completion of the entire building or structure. The TCO will be issued for a finite period of time, but in no event for more than sixty (60) calendar days. The TCO may be renewed if satisfactory progress has been made toward completion of outstanding items. The length of any renewal period will be determined at the sole discretion of the Building Official based on the amount of work remaining, but the extension shall not exceed sixty (60) additional days. If the TCO and any extensions expire without completion of all outstanding items, the building will be red tagged and occupancy will cease.. Upon satisfaction of the outstanding items on the TCO, a Certificate of Occupancy will be issued.

d. Section 111.4 Revocation.

- i. Amend by adding Subsection 111.4.1 Unoccupied or Vacant structure to read as follows:
 1. The Building Official is authorized to, in writing, suspend or revoke a certificate of occupancy when a tenant space, building or structure has been determined to be vacant or abandoned for a period of 180 days or occupied and utilized outside the use or occupancy of current

occupancy classification group. A new certificate of Occupancy shall be required and the tenant space, building or structure must meet all current ADA accessibility, building and fire codes as adopted, prior to reoccupying.

2. The Building Official is authorized to, in writing, suspend or revoke a certificate of occupancy when a tenant space, building or structure has been determined to be vacant or abandoned for a period of 180 days. A new Certificate of Occupancy shall be required and the tenant space, building or structure must meet all current ADA accessibility, building and fire codes as adopted, prior to reoccupying.

e. Section 113 Board of Appeal.

- i. Delete in its entirety and replace as follows: In order to hear and decide appeals of orders, decisions, determinations made by the Code Official(s) relative to the application and interpretation of the technical codes, there shall be and is hereby created a
- ii. Board of Appeals. A person shall have the right to appeal a decision of the Code Official to the Board of Appeals pursuant to section 150.301 of the Town of Florence Code of Ordinances.

f. Section 1010.1.9.4 Locks and latches.

- i. Amend Sub item 2.2 of item 2 to read as follows: A readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR IS TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED, or THIS DOOR MUST REMAIN UNLOCKED DURING BUSINESS HOURS. The sign shall be in letters 1 inch (25.4 mm) high on a contrasting background.

g. Section 2304.12.4 Termite protection.

- i. Amend by adding new paragraphs after the last sentence as follows: Within the perimeter of the foundation of any building which requires a building permit, the base course of all fill which is used to support a concrete slab shall be treated against termite infestation. The soil treatment shall be applied by a duly licensed applicator in accordance with the rules and regulations of the Arizona Pest Control Commission. Termite retardant chemicals shall be applied prior to placing the concrete. If the soil has been treated and the fill is disturbed prior to pouring the slab, or if the concrete is not poured within the time limit specified for the chemical used, the soil must be retreated according to the same standards. If a concrete slab has been poured prior to pre-treatment, the site must be treated in accordance with the rules and regulations references herein above. Certification of such soil treatment shall be furnished to the building official and shall include the name of the applicator, state license number, chemical used, time and location and length of warranty. Exception: Buildings accessory to Group R. Division 3 and buildings with floors and walls built of metal, masonry, concrete or other non-wood product.

h. Section 2902 [P] Table 2902.1 Minimum Number of Required Plumbing Fixtures.

- i. Amend by adding footnote (h) as follows: Within individual Group B or M occupancy tenant suites ADA accessible bottled water dispenser may substitute for an ADA accessible drinking fountain when the occupant load is 50 or less.
- ii.

8. International Residential Code, 2018 Edition.

a. Section R102.5 Appendices.

- i. The following appendices are adopted as part of this code by the Town of Florence: Appendices E, H, J, P, and Q as added.

b. Section R111.4 Utility Company Agreement.

- i. Inspection of service equipment and related apparatus will be required prior to re-connection of electric power or gas service for all buildings that have been vacant more than six months.

c. Table R301.2 (1) Climatic and Geographic Design Criteria.

- i. Insert the following:
- ii. Ground Snow Load - None
- iii. Wind speed - 115 mph, Exposure C, 3 second gust
- iv. Topographic effects - No
- v. Seismic Design Category - B
- vi. Weathering - Negligible
- vii. Frost Line Depth - 12"
- viii. Termite - Moderate to Heavy
- ix. Winter Design Temperature - 32 degrees F
- x. Ice Barrier Underlayment Required - No
- xi. Flood Hazards - Per Town of Florence Town Manager
- xii. Air Freezing Index - 0
- xiii. Mean Annual Temperature - 69.9

d. Section R302.1 Exterior Walls.

- i. Add exceptions # 6-9, as follows:
- ii. "In Legal Non-conforming RV parks with privately owned lots, that were existing at the time of this code adoption, replacement dwelling units, (Park Model type), are permitted to maintain their prior existing fire separation distance, subject to compliance with other city codes, but in no case shall fire separation distance be less than 1 foot with unlimited protected openings, and a 4 inch maximum eave projection past the exterior wall facing the lot line.
"In Legal Non-conforming RV parks with privately owned lots, that were existing at the time of this code adoption, new dwelling units, (Park Model type), are permitted to be located with a fire separation distance less than 5 feet, subject to compliance with other city codes, but in no case shall fire separation distance be less than 3 foot with unlimited protected openings, and a 4 inch maximum eave projection past the exterior wall facing the lot line.

- iii. "In Legal Non-conforming RV parks with privately owned lots, that were existing at the time of this code adoption, construction of new habitable and non-habitable structures including patio covers, carports, awnings and storage sheds, are permitted to be located with a fire separation distance less than 5 feet, subject to compliance with other city codes, but in no case shall fire separation distance be less than 3 foot with unlimited protected openings, and no projections past the exterior wall facing the lot line.
 - iv. "In Legal Non-conforming RV parks with privately owned lots, that were existing at the time of this code adoption, legal non-conforming structure's such as habitable and non-habitable additions, patio covers, carports, awnings and storage sheds, are permitted to maintain their prior existing fire separation distance less than 5 feet, subject to compliance with other city codes, but in no case shall fire separation distance be less than 2 foot with unlimited protected openings, and no projections past the exterior wall facing the lot line.

- e. **Section R303.10 Required Heating.**
 - i. Amend to read as follows: by revising the title to read "Required Heating and Cooling" and by adding the following sentence to the end of the subsection: "Every dwelling unit and guest rooms shall be provided with cooling facilities capable of maintaining a room temperature of not more than 80E F. (62EC.) at a point 3 feet above the floor in all habitable rooms under the average local climate conditions."

- f. **Section R309.5 Fire Sprinklers.**
 - i. Delete in its entirety.

- g. **Section R313 Automatic Fire Sprinkler Systems.**
 - i. Delete in its entirety. Refer to A.R.S. § 9-807.

- h. **Section R313 Automatic Fire Sprinkler Systems.**
 - i. **Section N1101.13 Compliance.**
 - 1. Amended by Deleting line item (2) in its entirety.

- i. **Section M1307 APPLIANCE INSTALLATION.**
 - i. Add new Subsection M1307.7 Liquefied petroleum gas appliances to read as follows: LPG appliances shall not be installed in an attic, pit or other location that would cause a ponding or retention of gas.

- j. **Section G2406.2.1 (303.3.1) Liquefied Petroleum Gas Appliances.**
 - i. Add new Subsection to read as follows: LPG appliances shall not be installed in an attic, pit or other location that would cause a ponding or retention of gas.

- k. **Section G2407.6.1 (304.6.1) Two-Permanent-Openings Method.**
 - i. Amended by adding the following after the first paragraph: For LPG appliances, any duct serving the lower opening shall be at floor level and slope to the outdoors without traps or pockets.

l. Section G2415.12 (404.12) Minimum Burial Depth.

- i. Amend by adding the word "metallic" after Underground, and after the word grade, add "plastic piping shall be installed at a minimum depth of 18 inches below grade." Delete "except" as provided for in Section G2415.12.1."

m. Section G2415.12.1 Individual Outside Appliances.

- i. Delete in its entirety.

n. Section G2415.17 (404.17) Plastic pipe.

- i. Deleted in its entirety and revised to read as follows: The Installation of plastic pipe shall comply with Sections G2415.17.1 through G2415.17.3.

o. Section G2417.4 (406.4) Test pressure measurement.

- i. Deleted in its entirety and revised to read as follows: This inspection shall be made after all piping authorized by the permit has been installed and prior to concealment. An additional inspection is required after all portions thereof which are to be covered or concealed are so concealed and before any fixtures or appliances have been attached thereto. This inspection shall include an air, Co₂ or nitrogen pressure test, at which time the gas piping shall stand a pressure of not less than ten (10) pounds per square inch (68.9 kPa) gauge pressure, or at the discretion of the Administrative Authority, the piping and valves may be tested at a pressure of at least six (6) inches (152.4 mm) of mercury measured with a manometer or slope gauge. Test pressures shall be held for a length of time satisfactory to the Administrative Authority, but in no case for less than fifteen (15) minutes, with no perceptible drop in pressure. For welded piping, and piping carrying gas at pressures more than fourteen (14) inches (0.4 m) water column pressure, the test pressure shall not be less than sixty (60) pounds per square inch (413.4 kPa) and shall be continued for a length of time satisfactory to the Administrative Authority, but in no case for less than thirty (30) minutes. These tests shall be made using air, Co₂, or nitrogen pressure only and shall be made in the presence of the Administrative Authority. All necessary apparatus for conducting tests shall be furnished by the permit holder.

p. Section P2603.5.1 Sewer Depth.

- i. Insert 12" (inch) inside both bracket locations.

q. Section P2801.5 Required pan.

- i. Amend to read as follows: Where a storage tank-type water heater or a hot water storage tank is installed in an attic or furred space where water leakage from the tank will cause damage, the tank shall be installed in a galvanized steel pan having a material thickness of not less than 0.0236 inch (0.6010 mm) (No. 24 gage), or other pans approved for such use. Listed pans shall comply with CSA LC3.

r. Section P2904.1 General.

- i. Amend by adding "When installed" at the beginning of the first sentence.

s. Section P2904.1.1 Required Sprinkler Locations.

- i. Amend by adding "When installed" at the beginning of the sentence.

9. International Mechanical Code, 2018 Edition.

a. Section 304.11 Guards.

- i. Amend by adding an exception at the end of the subsection as follows:
Exception: The requirement of this subsection shall not apply to one (1) and two (2)-family dwellings.

b. Section 306.5.1 Sloped Roofs.

- i. Amend by adding an exception at the end of the subsection as follows:
Exception: The requirements of this subsection shall not apply to one and two-family dwellings.

c. Section 309.1 Space Heating Systems.

- i. Amend by adding the words "and cooling" after Heating so the title reads "Section 309.1 Heating and Cooling Systems."

d. Section 309.1 Heating and Cooling Systems.

- i. Add the following sentence to the end of the subsection: "Such spaces shall also be provided with a cooling system capable of maintaining a maximum indoor temperature of 80 deg F. (62 deg C.) at a point 3' above the floor."

10. International Plumbing Code, 2012 Edition.

a. Section 410.3 Substitution.

- i. The last sentence of the section shall be revised to read as follows: In other occupancies, where drinking fountains are required, bottled water dispensers or water coolers shall be permitted to be substituted.

b. Section 903.1 Roof extension.

- i. Amended by inserting the number 6 as the number of inches and 152 as the number of mm.

11. International Fuel Gas Code, 2018 Edition.

a. Section 303.3 Prohibited locations.

- i. Add new Subsection 303.3 para. 7. Liquefied petroleum gas appliances to read as follows: LPG appliances shall not be installed in an attic, pit or other location that would cause a ponding or retention of gas.

b. Section 404.12 Minimum burial depth.

- i. Revised to read as follows: Underground piping systems shall be installed a minimum depth of 12 inches (305 mm) below grade for metal piping and 18 inches (457 mm) for plastic piping.

c. Section 404.12.1 Individual outside appliances.

- i. Deleted in its entirety.

d. Section 406.4 Test pressure measurement.

- i. Amend to read as follows and Subsections 406.4.1 and 406.4.2 shall be deleted in their entirety. This inspection shall be made after all piping authorized by the permit has been installed and prior to concealment. An additional inspection is required after all portions thereof which are to be covered or concealed are so concealed and before any fixtures or appliances have been attached thereto. This inspection shall include an air, Co₂ or nitrogen pressure test, at which time the gas piping shall stand a pressure of not less than ten (10) pounds per square inch (68.9 kPa) gauge pressure, or at the discretion of the Administrative Authority, the piping and valves may be tested at a pressure of at least six (6) inches (152.4 mm) of mercury measured with a manometer or slope gauge. Test pressures shall be held for a length of time satisfactory to the Administrative Authority, but in no case for less than fifteen (15) minutes, with no perceptible drop in pressure. For welded piping, and piping carrying gas at pressures more than fourteen (14) inches (0.4 m) water column pressure, the test pressure shall not be less than sixty (60) pounds per square inch (413.4 kPa) and shall be continued for a length of time satisfactory to the Administrative Authority, but in no case for less than thirty (30) minutes. These tests shall be made using air, Co₂, or nitrogen pressure only and shall be made in the presence of the Administrative Authority. All necessary apparatus for conducting tests shall be furnished by the permit holder.

12. International Energy Conservation Code, 2018 Edition.

- a. Amend code by deleting the entire Residential Section and Chapter 11 Energy Efficiency of the 2018 IRC.

13. International Existing Building Code, 2018 Edition.

- a. Adopted in its entirety without revision

14. International Swimming Pool and Spa Code, 2018 Edition.

- a. Adopted in its entirety without revision

15. International Fire Code, 2018 Edition.

a. Section 101.1 Title.

- i. Insert the words "Town of Florence" as the name of the jurisdiction.

b. Section 101.2.1 Appendices.

- i. The following appendices are adopted as part of this code by the Town of Florence: Appendices B, C, D, E, F, G, and I as added.

c. Section [A] 105.4.1 Submittals.

- i. Add after last sentence to the paragraph to read as follows: Submittals shall be provided in an approved electronic file format (PDF) upon request by the Fire Code Official.

d. Section (A) 109.1 Board of Appeals.

- i. Delete in its entirety and replace as follows: In order to hear and decide appeals of orders, decisions, determinations made by the Code Official(s) relative to the application and interpretation of the technical codes, there shall be and is hereby created a Board of Appeals. A person shall have the right to appeal a decision of the Code Official to the Board of Appeals pursuant to section 150.301 of the Town of Florence Code of Ordinances.

e. Section 202. GENERAL DEFINITIONS. Amend by adding the following definitions as follows:

- i. **ABANDONED.** A building that is no longer used or occupied by its owner or other legally permitted occupant. Evidence of building being abandoned includes any two of the following: lack of visible activity or use; overgrown or dead vegetation; accumulation of trash, junk, or debris; absence of furnishings; evidence of criminal mischief or criminal trespass; evidence of dilapidation, decay, damage, deterioration; nonpayment or disconnection of utilities.
- ii. **ALL WEATHER SURFACE.** An all-weather surface (AW) is a road surface graded to drain standing water and engineered to bear the imposed loads of fire apparatus. The minimum surface shall be made up of materials compacted to 90% over an approved base. Alternate methods, that could include a Geotechnical report, may be approved when designed and sealed by a professional engineer and approved by the Town Engineering Department and Fire Code Official.
- iii. **HARD SURFACE.** Hard Surface is a drive surface of concrete, asphalt, or pavers designed to support vehicles more than 85,000 pounds GVW under any weather condition.
- iv. **PREEMPTION DEVICE.** A listed and approved electronic device that receives a signal compatible with transmitters on emergency vehicles and that is used to automatically open or close fire apparatus access gates and all traffic control devices.
- v. **SECURITY GATE.** Any manual or electronically operated gate that limits or restricts public access to or from a property.
- vi. **STANDBY PERSONNEL.** Qualified fire service personnel, approved by the Fire Chief. When utilized, the number required shall be as directed by the Fire Chief. Charges for utilization shall be calculated by the Town approved fee schedule.
- vii. **TURN-A-ROUND.** A turn-a-round is required for emergency vehicles when the structure is more than 200 feet from the road. This can be accomplished with a circle drive when designed and sealed by a professional engineer and approved by the Town Engineering Department and Fire Code Official.

- viii. **UNOCCUPIED STRUCTURE.** A building with a documented Certificate of Occupancy that has maintained the appearance of the building, maintained the utilities as required for fire protection and security, and is actively seeking occupancy either through sale or lease through customary commercial methods. To maintain this status an owner must have owner-initiated inspections and approval from the Town of Florence building officials every 12 months for a period of no longer than 36 months from initial vacancy. If a building has an approved fire alarm or fire sprinkler system, the building may retain the classification of Unoccupied Structure beyond 36 months. Buildings that no longer meet the definition of Unoccupied Structure are either Vacant or Abandoned.
 - ix. **WIRELESS PROTECTION SYSTEM.** A system or a part of a system that can transmit and receive signals without the aid of interconnection wiring. It can consist of either a wireless control unit or a wireless repeater. System to be designed referencing NFPA 72.
 - x. **VACANT.** A building that is no longer used or occupied by its owner or other legally permitted occupant. A building that no longer meets the requirement of an unoccupied structure as defined.
- f. **Section 307.1 Open Burning, Recreational, Fires and Portable Outdoor Fireplaces: General.**
- i. Delete in its entirety and replace to read as follows: No fire shall be kindled, or any weeds or debris burned on any premises, street, alley vacant lot or agricultural land within the Town limits without first obtaining a permit from the Pinal County Department of Air Pollution Control followed by issuance of a fire department Open Burning permit pursuant to IFC Section 105.6.30. Permits shall incorporate such terms and conditions which will reasonably safeguard public safety and property. Outdoor fires shall not be built, ignited, or maintained in or upon hazardous fire areas under the following conditions:
 - ii. When high winds are blowing.
 - iii. When restricted by an air quality warning.
 - iv. When a person aged 18 or over is always not present to watch and tend fire.
 - v. When public announcement is made that open burning is prohibited.
 - vi. When restricted by the fire code official.
- g. Section 307.1.1 Prohibited Open Burning.
- i. Delete in its entirety
- h. **Section 503.3 Fire Apparatus Access Roads: Marking.**
- i. Shall be amended to read as follows: Every fire Apparatus Access Roadway required under the authority of this section shall be posted with signs readable from either direction of travel or vertically installed at points not more than eighty (80) feet on center along the length of the required fire apparatus access roadway. In lieu of signs the curb can be painted red and marked "NO PARKING FIRE LANE" in four (4) inch white block letters on the vertical face of the curb and spaced eighty (80) feet on center. Only Fire Apparatus Access Roadways required under the authority of this section or as approved by the

Fire Code Official may be posted or identified as such. Unauthorized use of signs shall be removed.

i. Section 503.6.1 Fire Apparatus Access Roads: Secured Motorized Security Gates.

- i. Gates across fire apparatus access roads at gated community main entrances and where required by the Fire Code Official shall be electric and equipped with an electronic KNOX key switch and manual release. Access controls shall be exterior to the gate and located for activation by the vehicle operator without dismounting from the vehicle. The height of the lock box/control panel shall be sixty-six (66) inches, measured from the finished grade line of the street.

j. Section 503.6.2 Fire Apparatus Access Roads: Motorized Security Gate emergency back-up.

- i. Shall be added new to read as follows: Battery back-up for all motorized gates is required unless the gate opens automatically in the event of a power failure.

k. Section 503.6.3 Fire Apparatus Access Roads: Manual Security Gates.

- i. Shall be added new to read as follows: At the discretion of the fire code official, an approved dual padlock locking system shall be required on all manual gates installed across a primary and secondary fire apparatus access road(s). An approved Fire Department pad lock shall be installed on one side and the owner/operator pad lock on the other side.

l. Section 507.1.2 Fire Protection Water Supplies, Hydrant location.

- i. Amend by adding new Subsections to read as follows: A fire hydrant shall be located within 100 feet of the fire department connection (FDC). The route is to be measured as the fire hose would be laid out and shall be approved by the Fire Plans Examiner.

m. Section 507.3.1 Fire Flow Fire, Protection Water Supply.

- i. Amend by adding new Subsections to read as follows: The water system is required to be looped with a minimum of two separate connections under the following conditions:
 1. Dead end water line exceeds 100' for 6" lines or 400' for 8" lines.
 2. Water lines serving a building over 52,000 sq. ft. (40,000 sq. ft. when used for any amount of high-piled storage).
 3. Water lines serving a building over two stories.
 4. Water lines serving more than one commercial building.
 5. Water lines serving over 30 single-family residential units.
 6. Water lines serving a Group "H" occupancy.
 7. Where two water connections are required, they shall be placed a distance apart equal to not less than determined by the Town Engineer. Where two water connections are required, they shall be made to separate water lines where possible.

n. Section 507.5.3 Private fire service mains and water tanks.

- i. Shall delete in its entirety and replaced by adding Item 1 to read as follows: All private fire hydrants (those not on the Town of Florence water system and located on private property) must be inspected annually and after each operation; flushed and maintained annually in accordance with the American Water Works Association, Manual of Water Supply Practices, Installation Field Testing and Maintenance of Fire hydrants, AWWA M17. Selected hydrants, as determined by the Fire Code Official, shall be flow tested to determine Available Fire Flow according to test procedures outlined in NFPA 25. Request for testing must be submitted to the Fire Official and Town Engineer within 48 hours.
- o. Section 507.6 Fire Flow, Hydrant Reflective Markers.**
 - i. Amend by adding new Subsections to read as follows: All fire hydrants and Fire Department Connections shall be clearly identified by installation of reflective blue markers as specified by the Town Engineering Department.
- p. Section 901.4.6 Pump and Riser Room Size.**
 - i. Amend by adding the following after the last sentence: At the time of construction, a dedicated interior fire pump and automatic sprinkler system riser room shall be provided with adequate space for all equipment necessary for the installation, as defined by the manufacturer, with sufficient working space around the stationary equipment. Access shall be provided through direct exterior access side hinged door(s) with a minimum 32-inch clear width and a minimum height of 80 inches.
- q. Section 903.2.3 (1) Group E.**
 - i. Amend Condition 1, to read as follows: The fire area exceeds zero (0) square feet.
- r. Section 903.2.4 (3) Group F-1.**
 - i. Amend Condition 3, to read as follows: The combined area of all Group F-1 fire areas on all floors, including any mezzanines, exceeding 12,000 square feet.
- s. Section 903.2.7 (3) Group M.**
 - i. Amend Condition 3, to read as follows: The combined area of all Group M fire areas on all floors, including any mezzanines that exceeds 12,000 square feet.
- t. Section 903.2.9 (3) Group S-1.**
 - i. Amend Condition 3, to read as follows: The combined area of all Group S-1 fire areas on all floors, including any mezzanines exceeds 12,000 square feet.
- u. Section 907.2 Where required.**
 - i. Amend by adding new Subsection, 907.2.10.8 to read as follows: **Historic District**
 - ii. A Commercial fire alarm system wireless or hardwired shall be installed and meet the minimum requirements of the Under Writers Laboratories, the most

currently adopted Town of Florence ICC Codes, the National Fire Protection Association, Chapter 72, and designed for off-site monitoring. Commercial Wireless Fire alarm systems that are connected and monitored to the towns wireless fire alarm panel must be compatible to the wireless network that is provided. Fire alarm and fire protection system designers shall provide documentation of National Institute of Certification in Engineering Technology (NICET III) qualifications. Installation, modification, or inspections of Fire alarm and fire protection system(s) one or more of the following is required.

v. Appendix D Fire Apparatus Access Roads. D103.3.

- i. Shall be deleted and amended as follows: The minimum turning radius shall be 35 feet inside and 55 feet outside face of curb.

16. National Electrical Code, 2018 Edition.

a. Article 230 Services.

- i. New section 230.11 Performance Testing, added to read as follows: All service entry equipment and associated equipment rated 1000 amps or more, or as otherwise required by the servicing utility company, or registered design professional shall be performance tested (high potential testing) when first installed on site. The test shall be conducted in accordance with instructions that shall be provided with the equipment. A written record of the test shall be made and shall be submitted to the authority having jurisdiction.

17. Accessible and Usable Buildings and Facilities Code, ICC A117.1, 2010 Edition Standards.

18. Adopted in its entirety without revision