

BILL NO.

ORDINANCE NO. _____

SPONSOR: _____

AN ORDINANCE ADOPTING THE 2017 EDITION OF THE INTERNATIONAL ELECTRICAL CODE IN THE CITY OF PACIFIC.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PACIFIC, MISSOURI, AS FOLLOWS:

Section 1: Adoption of Electrical Code.

A certain document, copies of which are on file in the Office of the City Clerk of the City of Pacific, being marked and designated as the 2018 International Electrical Code as published by the International Code Council is hereby adopted as the Electrical Code of the City of Pacific and the terms of said Electrical Code are hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance with the additions, insertions, deletions and changes, if any, described in Section 2 of this Ordinance.

Section 2: Additions, insertions and changes.

80.15 Electrical Board: Delete in its entirety.

80.15(G) Appeals: Delete in its entirety. Add the following: The Board of Appeals shall consist of the Board of Adjustment.

80.19(E) Fees: Add the following: The fees for electrical work shall be indicated in the schedule as established by City of Pacific ordinance.

80.23 Notice of Violations, & Penalties: Delete in its Entirety. Add the following: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, or repair electrical work in violation of the approved construction documents or directive of the Code Official, or of a permit or certificate issued under the provisions of this code, shall be guilty of an ordinance violation punishable as provided in Section **100.170** of the Code of Ordinances of the City of Pacific.

80.23(C) Stop Work Orders: Add New Section: Upon notice from the Code Official, work on any electrical system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which the work is authorized to resume. Where an emergency exists, the 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 guilty of an ordinance violation punishable by a fine of not less than five hundred dollars (\$500.00).

110.5 Conductors: Add to last sentence: All conductors sized #6 or smaller shall be of copper material.

210.8 Ground Fault Circuit Interrupter Protection for Personnel (A):

Exception to #2:

- (1) Garage door opener receptacle located in the ceiling shall be a dedicated appliance receptacle.
- (2) Fastened in place appliances or outlets designated for refrigerators/freezers.

Exception to (5):

Receptacle for sump pump shall be a dedicated appliance receptacle, and shall be a simplex receptacle.

Fastened in place appliances or outlets designated for refrigerators/freezers.

210.12 Arc Fault Circuit-Interrupter Protection: Delete in its entirety.

230.50(B)(1) Service Cables: Add the following: Schedule 40 PVC Conduit. All above ground service-entrance cables where subject to physical damage, shall be protected by a minimum of schedule 40 conduit.

230.70(A)(1) Readily Access Location: Delete in its entirety, and add the following: For single and two-family residential structures, the service disconnecting means shall be installed at readily accessible location outside of the building or structure.

406.12 Tamper - Resistant Receptacles in Dwelling Units. Delete in its entirety.

Section 3: This Ordinance shall be in full force and effect both from and after its passage by the Board of Aldermen and approval by the Mayor.

PASSED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

APPROVED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

ATTEST:

City Clerk

BILL NO.

ORDINANCE NO. _____

SPONSOR: _____

AN ORDINANCE ADOPTING THE 2018 EDITION OF THE INTERNATIONAL FUEL GAS CODE IN THE CITY OF PACIFIC.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PACIFIC, MISSOURI, AS FOLLOWS:

Section 1: Adoption of Fuel Gas Code.

A certain document, copies of which are on file in the Office of the City Clerk of the City of Pacific, being marked and designated as the 2018 International Fuel Gas Code as published by the International Code Council is hereby adopted as the Fuel Gas Code of the City of Pacific and the terms of said Fuel Gas Code are hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance with the additions, insertions, deletions and changes, if any, described in Section 2 of this Ordinance.

Section 2: Additions, insertions and changes.

FG101.1 Title: These regulations shall be known as the Fuel Gas Code of the City of Pacific, Missouri, hereinafter referred to as "this code".

FG106.6 Fees Schedule: The fees for work shall be as indicated in the schedule established in Article **IX** of this Chapter.

FG106.6.3 Fee Refunds: Delete in its entirety.

FG108.4 Violation Penalties: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair plumbing work in violation of the approved construction documents or directive of the Code Official, or of a permit or certificate issued under the provisions of this code, shall be guilty of an ordinance violation punishable as provided in Section **100.170** of the Code of Ordinances of the City of Pacific.

FG108.5 Stop Work Orders: Upon notice from the Code Official, work on any plumbing system that is being done contrary to the provisions of this code 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 doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the 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 guilty of an ordinance violation punishable by a fine of not more than five hundred dollars (\$500.00).

FG109.2 Membership of Board of Appeals: The Board of Appeals shall consist of the Board of Adjustment.

FG603.1 Log Lighters: Delete in its entirety. Add: Log lighters are prohibited.

Section 3: This Ordinance shall be in full force and effect both from and after its passage by the Board of Aldermen and approval by the Mayor.

PASSED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

APPROVED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

ATTEST:

City Clerk

Draft

BILL NO.

ORDINANCE NO. _____

SPONSOR: _____

AN ORDINANCE ADOPTING THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE IN THE CITY OF PACIFIC.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PACIFIC, MISSOURI, AS FOLLOWS:

Section 1: Adoption of Building Code.

A certain document, copies of which are on file in the Office of the City Clerk of the City of Pacific, being marked and designated as the 2018 International Building Code as published by the International Code Council is hereby adopted as the Building Code of the City of Pacific and the terms of said Building Code are hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance with the additions, insertions, deletions and changes, if any, described in Section 2 of this Ordinance.

Section 2: Additions, insertions and changes.

B 101.1 Title: These regulations shall be known as the Building Code of the City of Pacific, hereinafter referred to as "this code."

B 101.4.6 Energy: Delete in its entirety.

B 105.2 Work Exempt from Permit: Delete the following exceptions. Building: 2.

B 105.5 Expiration: Change - Every permit issued shall become invalid after three hundred sixty-five (365) days of issuance. The building official is authorized to grant, in writing, one (1) or more extensions of time, for periods not more than one hundred eighty (180) days each. The extension shall be requested in writing and justifiable cause demonstrated.

B 109.2 Schedule of Permit Fees: The fee for activities and services performed by the City of Pacific in carrying out its responsibilities under this code shall be paid in accordance as indicated in the schedule of fees as established by City of Pacific ordinance.

B 109.4 Work Commencing Before Permit Issuance: Any person who commences any work covered by this code before obtaining the necessary permits shall be subject to one hundred percent (100%) of the usual permit fee in addition to the required permit fee.

B 113.0 Board of Appeals: The Board of Appeals shall consist of the Board of Adjustment.

B 114.4 Violation Penalties: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, construct, alter or repair of a building or structure in violation of the approved construction documents or directive of the Code Official, or of a permit or certificate issued under the provisions of this code, shall be guilty of an ordinance violation, punishable as provided in Section **100.170** of the Code of Ordinances of the City of Pacific.

B 115.3 Unlawful Continuance: Any person who continues any work in or about the structure after having been served a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of an ordinance violation punishable by a fine of not to exceed five hundred dollars (\$500.00). Each day that a violation continues after the due notice has been served shall be deemed a separate offense.

B 115.4 Removal of Stop Work Order Notice: The unauthorized removal of a "stop work order" poster shall be punishable by a fine not to exceed five hundred dollars (\$500.00). Each day that a violation continues after the due notice has been served shall be deemed a separate offense.

B 406.3.2.1 Dwelling unit separation. The private garage shall be separated from the *dwelling unit* and its *attic* area by means of gypsum board, not less than 5/8-inch in thickness, applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than a 5/8-inch (15.9 mm) Type X gypsum board or equivalent and 5/8-inch gypsum board applied to structures supporting the separation from habitable rooms above the garage. Door openings between a private garage and the *dwelling unit* shall be equipped with either solid wood doors or solid or honeycomb core steel doors not less than 1 3/8 inches (34.9 mm) in thickness, or doors in compliance with Section 716.2.2.1 with a fire protection rating of not less than 20 minutes.

B 407.7 Automatic Fire Detection: Delete both Exception #1 and Exception #2.

B 501.2 Premises Identification: New and existing buildings shall be provided with approved address numbers. Each character shall be a minimum of four (3) inches in height for residential dwellings, and six (6) inches in height for commercial buildings, and a minimum of one-half (1/2) inches wide. They shall be installed on a contrasting background and be plainly visible from the street or roadway fronting the property.

B 1612.3. Establishment of Flood Hazard Areas: (Insert name of jurisdiction) City of Pacific, Franklin and St. Louis Counties. (Date: June 5, 2020)

B 1804.5 Grading and Fill in Flood Hazard Areas: See City Ordinance Section 420.190. (#8)

B 1805.2 Damp proofing: Delete the last sentence. (Wood foundations.)

B 1807.1.4 Permanent Wood Foundation: Delete in its Entirety.

B 1807.1.6.2 Concrete Foundation Walls: Delete #1 And Table 1807.1.6.2. And add the following: All concrete walls shall be designed by a design professional.

B 1807.1.6.2.1 Seismic Requirements: Delete the following in #2. Except as allowed for plain concrete members in section 1905.1.7.

B 1809.4 Depth and Width of Footing: Delete the last sentence.

B 1809.7 Prescriptive Footings for Light-Frame Construction: Delete Table 1809.7. Insert the following table.

Minimum Width and Thickness of Concrete or Masonry Footings Load-Bearing Value of Soil (psf) 1,500 to 4,000

1 Story 8" Deep X 20" Wide

2 Story 8" Deep X 20" Wide

3 Story 10" Deep X 20" Wide

B 1809.8 Plain Concrete Footings: Delete and replace with: All load bearing footings must be reinforced with a minimum of 2 - #4 rebar continuous, spaced evenly and placed 3" minimum from bottom of footing. In addition, as a minimum 1 - #4 vertical rebar shall be placed 2 ft. on center, placed in the center of the footing/foundation wall. The vertical rebar shall have an 8" L-shaped hook, as measured from the outside edge of the hook, to the end of the hook. The vertical bar hooked end shall be embedded in the footing 4" to 5", with 16" of rebar rising above footing. All rebar shall be a minimum of 40 grade.

B1901.7 Cold Weather Requirements: No concrete shall be poured or installed below a temperature of twenty-five degrees Fahrenheit (25° F.)

B1901.8 Hot Weather Requirement: No concrete shall be poured or installed when the temperature is above (105° F)

Section 3: This Ordinance shall be in full force and effect both from and after its passage by the Board of Aldermen and approval by the Mayor.

PASSED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

APPROVED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

ATTEST:

City Clerk

BILL NO.

ORDINANCE NO. _____

SPONSOR: _____

AN ORDINANCE ADOPTING THE 2018 EDITION OF THE INTERNATIONAL FIRE CODE IN THE CITY OF PACIFIC.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PACIFIC, MISSOURI, AS FOLLOWS:

Section 1: Adoption of Fire Code.

A certain document, copies of which are on file in the Office of the City Clerk of the City of Pacific, being marked and designated as the 2018 International Fire Code as published by the International Code Council is hereby adopted as the Fire Code of the City of Pacific and the terms of said Fire Code are hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance with the additions, insertions, deletions and changes, if any, described in Section 2 of this Ordinance.

Section 2: Additions, insertions and changes.

101.1 Title: These regulations shall be known as the Fire Code of the City of Pacific, Missouri, hereinafter referred to as "this code."

102.3 Change of Use of Occupancy: No change shall be made in the use or occupancy of any structure that would place the structure in a different division of the same group or occupancy or in a different group of occupancies, unless such structure is made to comply with the requirements of this code, and the International Building Code. Subject to the approval of the Code Official the use or occupancy of an existing structure is allowed to be occupied for the purposes in other groups without conforming to all the requirements of this code and the International Building Code for those groups, provided the use is less hazardous, based on life and fire risk, than the existing use.

102.6 Historic Buildings: The provisions of this code relating to the construction, alteration, repair, enlargement, restoration, relocation or moving of buildings or structures identified and classified by the State or local jurisdiction as historic buildings when such buildings or structures do not constitute a distinct hazard to life or property. Fire protection in designated historic buildings and structures shall be provided in accordance with the provisions of NFPA 909.

105.1.2 Type of Permits: Delete #1. Operational Permits.

105.1.3 Multiple permits for the Same Location: Delete in its entirety.

105.2.2 Inspections Authorized: Delete in its entirety.

105.3.1 Expiration: & 105.3.2 Extensions Change - Every permit issued shall become invalid after three hundred sixty-five (365) days of issuance. The building official is authorized to grant, in writing, one (1) or more extensions of time, for periods not more than one hundred eighty (180) days each. The extension shall be requested in writing and justifiable cause demonstrated.

105.7.1 Thru F - 105.7.25 Required Operational Permits: Delete in its entirety.

109.1 Board of Appeals: Delete in its entirety. Add the following: The Board of Appeals shall consist of the Board of Adjustment.

110.4 Violation Penalties: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, construct, alter or repair of a building or structure in violation of the approved construction documents or directive of the Code Official a permit or certificate issued under the provisions of this code, shall be guilty of an ordinance violation, punishable as provided in Section **100.170** of the Code of Ordinances of the City of Pacific.

112.4 Stop Work Orders: Upon notice from the Code Official, work on any work that is being done contrary to the provisions of this code 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 the owner's agent, or to the person doing the work. The notice shall state the condition under which work is authorized to resume. Where an emergency exists, the Code Official shall not be required to give a written notice prior to stopping of work. Any person who shall continue any work in or about the structure after be served a stop work order, except such work as the person is directed to perform to remove a violation or unsafe condition, shall be guilty of an ordinance violation punishable by a fine on not more than five hundred dollars (\$500.00).

106.2 Fee Schedule: The fees for any permit that is required, shall be paid in accordance as indicated in the schedule of fees as established in Article **XII**, of the Code of Ordinances of the City of Pacific.

106.5 Fee Refund: Delete in its entirety.

307.1 Thru F - 307.5 Open Burning: Delete in its entirety. Add the following: No open burning is allowed within the City of Pacific, per the Department of Natural Resources.

505.1 Address Identification: Change to read as follows: Letters and numbers shall be a minimum of three (3) inches in height for residential, and six (6) inches in height for commercial, and a minimum stroke of one-half (1/2) inches wide.

903.8 Inspector's Test Outlet: An inspector's test outlet, equivalent to the flow from a single sprinkler of the smallest orifice size installed in the system, shall be installed on each floor where a water flow alarm device is required in section 903.4.2.

Section 3: This Ordinance shall be in full force and effect both from and after its passage by the Board of Aldermen and approval by the Mayor.

PASSED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

APPROVED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

ATTEST:

City Clerk

BILL NO.

ORDINANCE NO. _____

SPONSOR: _____

AN ORDINANCE ADOPTING THE 2018 EDITION OF THE INTERNATIONAL MECHANICAL CODE IN THE CITY OF PACIFIC.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PACIFIC, MISSOURI, AS FOLLOWS:

Section 1: Adoption of Mechanical Code.

A certain document, copies of which are on file in the Office of the City Clerk of the City of Pacific, being marked and designated as the 2018 International Mechanical Code as published by the International Code Council is hereby adopted as the Mechanical Code of the City of Pacific and the terms of said Mechanical Code are hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance with the additions, insertions, deletions and changes, if any, described in Section 2 of this Ordinance.

Section 2: Additions, insertions and changes.

M101.1 Title: Insert: These regulations shall be known as the Mechanical Code of the City of Pacific, Missouri, hereinafter referred to as "this code."

M106.4.3 Expiration: Change: every permit issued shall become invalid after three hundred sixty-five (365) days of issuance. The Code Official is authorized to grant, in writing, one (1) or more extensions of time, for a period not more than one hundred eighty (180) days each. The extension shall be requested in writing and justifiable cause demonstrated.

M106.5.2 Fee Schedule: Insert: The fees for mechanical work shall be paid in accordance with the schedule of fees as established by City of Pacific ordinance.

M106.5.3 Fee Refunds: Delete in its entirety.

M108.4 Violation Penalties: Delete in its entirety and add the following: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair mechanical work in violation of the approved construction documents or directive of the Code Official, or of a permit or certificate issued under the provisions of this code, shall be guilty of an ordinance violation and is punishable as provided in Section **100.170** of the Code of Ordinances of the City of Pacific.

M108.5 Stop Work Orders: Delete in its entirety and add the following: Upon notice from the Code Official, work on any mechanical system that is being done contrary to the provisions of this code 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 the owner's agent, or to the person doing the work. The notice shall state the condition under which work is authorized to resume. Where an emergency exists, the Code Official shall not be required to give a written notice prior to stopping of work. Any person who shall continue any work in or about the structure after being served a stop work order, except such work as the person is directed to perform to remove a violation or

unsafe condition, shall be guilty of an ordinance violation punishable as provided in Section **100.170** of the Code of Ordinances of the City of Pacific.

M508.1.1.2 Make-up Air Shutdown: Mechanical make-up air systems shall automatically shut down at the time of discharge of the fire extinguishing system.

Section 3: This Ordinance shall be in full force and effect both from and after its passage by the Board of Aldermen and approval by the Mayor.

PASSED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

APPROVED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

ATTEST:

City Clerk

Draft

BILL NO.

ORDINANCE NO. _____

SPONSOR: _____

AN ORDINANCE ADOPTING THE 2018 EDITION OF THE INTERNATIONAL PLUMBING CODE IN THE CITY OF PACIFIC.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PACIFIC, MISSOURI, AS FOLLOWS:

Section 1: Adoption of Plumbing Code.

A certain document, copies of which are on file in the Office of the City Clerk of the City of Pacific, being marked and designated as the 2018 International Plumbing Code as published by the International Code Council is hereby adopted as the Plumbing Code of the City of Pacific and the terms of said Plumbing Code are hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance with the additions, insertions, deletions and changes, if any, described in Section 2 of this Ordinance.

Section 2: Additions, insertions and changes.

101.1 Title: Insert: These regulations shall be known as the Plumbing Code of the City of Pacific, Missouri, hereinafter referred to as "this code."

106.5.3 Expiration: Change: every permit issued shall become invalid after three hundred sixty-five (365) days of issuance. The Code Official is authorized to grant, in writing, one (1) or more extensions of time for a period not more than one hundred eighty (180) days each. The extension shall be requested in writing and justifiable cause demonstrated.

106.6.2 Fee Schedule: Insert: The fees for mechanical work shall be paid in accordance with the schedule of fees as established by City of Pacific ordinance.

106.6.3 Fee Refunds: Delete in its entirety.

108.4 Violation Penalties: Delete in its entirety and add the following: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair plumbing work in violation of the approved construction documents or directive of the Code Official, or of a permit or certificate issued under the provisions of this code, shall be guilty of an ordinance violation and is punishable as provided in Section 100.170 of the Code of Ordinances of the City of Pacific. Each day that the violation continues shall be deemed a separate offense.

108.5 Stop Work Orders: Delete in its entirety and add the following: Upon notice from the Code Official, work on any plumbing system that is being done contrary to the provisions of this code 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 the owner's agent, or to the person doing the work. The notice shall state the condition under which work is authorized to resume. Where an emergency exists as determined by the Code Official, the Code Official shall not be required to give a written notice prior to stopping of work. Any person who shall continue any work in or about the structure

after be served a stop work order, except such work as the person is directed to perform to remove a violation or unsafe condition, shall be guilty of an ordinance violation punishable as provided in Section 100.170 of the Code of Ordinances of the City of Pacific.

109.2 Membership of Board: Delete in its entirety and add the following: The Board of Appeals shall consist of the Board of Adjustment.

305.6.1 Sewer Depth: Delete in its entirety and add the following: All building sewers shall be a minimum depth of thirty (30) inches (76 cm) below grade.

602.3 Individual Water Supply: add the following new subsections:

Expanding or Creating of New Wells Prohibited: Drilling, digging, enlarging or deepening of water wells or reopening of abandoned water wells within the boundaries of the City, except by the City, is hereby prohibited unless approved by the Board of Aldermen.

Use of Water from Sources Outside of the City Prohibited: The use within the limits of the City of water taken from wells and other sources outside of the limits of the City, by any person or entity other than the City, is hereby prohibited unless approved by the Board of Aldermen. However, no provision hereof shall be deemed to apply the use of bottled water for human consumption. 2009 Amendment

603.2 Separation of Water Service and Building Sewers: Delete exception #2.

605.3 Water Service Pipe: Table 605.3 Delete the following:

Acrylonitrile butadiene styrene (ABS) plastic pipe
Asbestos-cement pipe
Chlorinated polyvinyl chloride (CPVC) plastic pipe
Galvanized steel pipe
Polyethylene/aluminum/polyethylene (PE-AL-PE) pipe
Polypropylene (PP) plastic pipe or tubing
Polyvinyl Chloride (PVC) plastic pipe

605.4 Water Distribution Pipe: Table 605.4 Delete the following:

Chlorinated polyvinyl chloride (CPVC) plastic pipe and tubing
Galvanized steel pipe
Polyethylene/aluminum/polyethylene (PE-AL-PE) composite pipe
Polypropylene (PP) plastic pipe or tubing

608.16.5 Connections to Lawn Irrigation Systems: Delete in its entirety and add the following: The potable water supply to lawn irrigation systems shall be protected against backflow by a reduced pressure principal backflow preventer. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principal backflow preventer.

608.17 Protection of Individual Water Supplies: Delete in its entirety. (608.17 through 608.17.8)

701.2.1 Private Sewage Disposal: Private sewage disposal shall not be allowed except as approved

by the Board of Aldermen.

702.1 Above-ground Drainage and Vent Pipe: Table 702.1 Delete the following:

Acrylonitrile butadiene styrene (ABS) plastic pipe in IPS diameters, including schedule 40, DR22 (PS200) and DR 24 (PSI 40); with a solid, cellular core or composite wall

Polyolefin pipe

Polyvinyl chloride (PVC) plastic pipe DR 22 (PS200) and DR24 (PS140); with a cellular core, or composite wall

Polyvinyl Chloride (PVC) plastic pipe with a three and twenty-five hundredths (3.25) inch O.D. and a solid, cellular or composite wall

702.2 Underground Table 702.3 Delete the following: Drainage and Vent Pipe:

Acrylonitrile butadiene styrene (ABS) plastic pipe in IPS diameters, including schedule 40, DR22 (PS200) and DR24 (PSI40): with a solid, cellular core, or composite wall

Asbestos - cement pipe

Polyolefin pipe

Polyvinyl chloride (PVC) plastic pipe DR22 (PS200) and DR24 (PS140); with a cellular core, or composite wall

Polyvinyl chloride (PVC) plastic pipe with a 3.25 in O.D. and a solid, cellular core, or composite wall

702.3 Building Sewer Pipe: Table 702.3 Delete the following:

Acrylonitrile butadiene styrene (ABS) plastic pipe in IPS diameters, including schedule 40, DR22 (PS200) and DR24 (PS140): with a solid, cellular core, or composite wall

Acrylonitrile butadiene styrene (ABS) plastic pipe in sewer and drain diameters, including PS35, (PS45), PS50, PS 100, PS140, SDR 23.5 (PS150), and PS200 in solid, cellular core or composite wall

Asbestos-Cement Pipe

Concrete Pipe

Polyvinyl chloride (PVC) plastic pipe DR22 (PS200) and DR24 (PS140); with a cellular core, or composite wall

Polyvinyl chloride (PVC) plastic pipe SDR 42 (PS20), PS35, SDR 35 (PS45), PS50, PS100, PS140, SDR

23.5 (PS150) and PS200; with a cellular core or composite wall

Polyvinyl chloride (PVC) plastic pipe 3.25 in O.D. with a solid, cellular core or composite wall

Vitrified clay pipe

702.4 Pipe Fittings: Table 702.4 Delete the following:

Acrylonitrile butadiene styrene (ABS) plastic pipe in IPS diameters

Acrylonitrile butadiene styrene (ABS) plastic pipe in sewer and drain diameters

Asbestos-Cement

Polyolefin (PVDF) plastic pipe

Polyvinyl chloride (PVC) plastic pipe 3.25 in O.D. with a solid, cellular core or composite wall

Vitrified clay pipe

903.1 Roof Extension: Insert: All open vents shall extend through the roof at least twelve (12) inches (305 mm) above roof except that where a roof is to be used for any purpose other than weather protection, the vent extension shall be run at least seven (7) feet (2,134 mm) above the roof.

918.1 Air Admittance Valves General: Delete in its entirety and add the following: Vent systems utilizing air admittance valves shall comply with this Section. Individual and branch type air admittance valves shall conform to ASSE 1050 & 1051. Air admittance valves shall only be allowed in remodeling or modification of plumbing system where the vent cannot be tied into the existing venting system or terminate to the outside.

1113.5 Discharge: All sump pump piping shall be discharged to daylight unless approved by the Code Official. Discharge to sanitary sewers is prohibited.

Section 3: This Ordinance shall be in full force and effect both from and after its passage by the Board of Aldermen and approval by the Mayor.

PASSED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

APPROVED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

ATTEST:

City Clerk

BILL NO.

ORDINANCE NO. _____

SPONSOR: _____

AN ORDINANCE ADOPTING THE 2018 EDITION OF THE INTERNATIONAL PROPERTY MAINTENANCE CODE IN THE CITY OF PACIFIC.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PACIFIC, MISSOURI, AS FOLLOWS:

Section 1: Adoption of Property Maintenance Code.

A certain document, copies of which are on file in the Office of the City Clerk of the City of Pacific, being marked and designated as the 2018 International Property Maintenance Code as published by the International Code Council is hereby adopted as the Property Maintenance Code of the City of Pacific and the terms of said Property Maintenance Code are hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance with the additions, insertions, deletions and changes, if any, described in Section 2 of this Ordinance.

Section 2: Additions, insertions and changes.

101.1 Title: These regulations shall be known as the Property Maintenance Code of the City of Pacific, Missouri, hereinafter referred to as "this code." The Property Maintenance Code shall supplement, and not amend, all other applicable City Code provisions and regulations of the City.

103.1.1 Authority: Notwithstanding any provision in the City Code to the contrary, the Code Enforcement Officer shall be the Code Official for the purpose of the Property Maintenance Code.

103.4.1 Occupancy Permit Required: See requirements of Section **500.160** of the City Code.

103.5 Fees: The fees for activities and services performed by the City of Pacific in carrying out its responsibilities under this code shall be paid in accordance with the schedule of fees as established by City of Pacific ordinance.

106.4.1 Violation Penalties: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements or provisions of the code, shall be guilty of an ordinance violation and is punishable as provided in Section **100.170** of the Code of Ordinances of the City of Pacific.

111.2 Membership of Board of Appeals: The Board of Appeals shall consist of the Board of Adjustment.

302.4 Weeds: Replace first sentence with the following: All premises and exterior property shall be maintained free from weeds or plant growth as required in Chapter **225** or other provisions of the City Code.

302.4.1 Dead Trees: At all single- and two-family residential premises, dead trees shall be removed to ground level. At all other premises, dead trees shall be removed to ground level, and the remaining stump removed to a depth of a minimum three (3) inches below the ground level.

302.4.2 Landscaping: Where required by the Zoning Code, landscape screening and other landscaping shall be continuously maintained. Dead plant materials shall be replaced with materials of the same type and size as required by the Zoning Code.

302.7 Add as last sentence: All accessory structures shall be free of weeds and volunteer growth of trees, brush.

302.8 Motor Vehicles: Abandoned and other non-complying motor vehicles shall be prohibited as provided herein and elsewhere in the City Code.

302.10 Open Storage: Outdoor storage of items shall be prohibited as provided by Chapter 225 or other provisions of the City Code. Outdoor items not prohibited shall be stacked, stored or maintained in an orderly fashion behind the front building line, unless otherwise expressly permitted.

303.1.1 Swimming Pools and Hot Tubs: Swimming pools, hot tubs, or similar water containing equipment shall not be drained, or backwashed, in such a manner to allow the water discharge onto adjacent property(s).

304.3 Premises Identification: Replace the last sentence with the following: Letters and numbers shall be a minimum of three (3) inches in height for residential, and six (6) inches in height for commercial, with a minimum stroke width of five-tenths (0.5) inch.

304.14 Insect Screens: Change the first [DATE] to April 15th and the second [DATE] to October 15th.

404.4.1 Area for Bedroom: Every bedroom occupied for sleeping by one (1) occupant shall contain at least seventy (70) square feet, every bedroom occupied by two (2) occupants shall contain at least one hundred (100) square feet, and every bedroom occupied for sleeping by three (3) occupants shall contain at least one hundred fifty (150) square feet.

Exception: Manufactured homes with one (1) bedroom shall have a maximum of two (2) occupants; manufactured homes with two (2) bedrooms shall have a maximum of three (3) occupants; manufactured homes with three (3) bedrooms shall have a maximum of four (4) occupants; or shall otherwise meet the requirements of the code.

404.4.1.1 Closets: Every bedroom shall have a minimum of four (4) square feet of closet space opening into the bedroom. Furniture designed for clothes storage or cabinetry such as found in manufactured homes having twenty-four (24) cubic feet of storage space may be substituted to conform to the above requirements.

404.8 Basements: No room in any basement shall be used for habitable purposes unless the room meets the following requirements in addition to any other applicable requirements in the City Code:

1. The room(s) shall be dampproof and waterproof.
2. The room(s) shall have a minimum ceiling height of seven (7) feet.
3. The room(s) shall have natural light and ventilation in accordance with the code set forth herein: (see PM 402.0 and 403.0)
4. Basement bedrooms shall meet the other requirements of this code and the Residential code set forth herein.
5. Basements bedrooms shall be provided with a separate means of egress directly to the exterior in addition to the main stairway.
6. Basement bedrooms shall have a minimum of one (1) window to be usable for an emergency egress in accordance with Section 702.4 of this code.

507.1 Storm Drainage: Drainage of roofs and paved areas, yards and courts, and other spaces on the premises shall not be discharged into any sanitary sewer system or in a manner that creates a public nuisance by discharging onto adjacent property(s).

602.3 Heat Supply: Change the first [DATE] to October 1st and the second [DATE] to May 15th.

602.4 Occupiable work spaces: Change the first [DATE] to October 1st and the second [DATE] to May 15th.

605.2 Receptacles: delete last sentence and replace with the following sentence: All receptacle outlets located in a bathroom, above kitchen countertops, garage, unfinished basement, and outdoor receptacles shall have ground fault circuit interrupter protection.

702.5 Means of egress lighting: All buildings shall have means of egress lighting as required by the Building Code listed in Chapter 8 and shall be maintained in good working order at all times.

703.3 Garage(s): (Add Section) Private garages in "R-1," "R-2," "R-4" and "I-1" occupancies shall be separated from the interior spaces and attic by a minimum of five-eighths (5/8) inch fire-rated gypsum board or equivalent. The door(s) between the garage and the interior spaces shall be a minimum of a solid wood door not less than one and three-eighths (1 3/8) inch (35 mm) in thickness or solid or honeycomb core steel door not less than one and three-eighths (1 3/8) inches thick or a twenty (20) minute fire-rated door.

705.1.1 Responsibility: It is the responsibility of the owner of the dwelling unit to supply and install all required smoke and carbon monoxide detector(s) to the manufacturer's specification. It is the responsibility of the occupant of the dwelling unit to test and provide general maintenance for the detector(s) and to notify the owner or authorized agent of the owner in writing of any deficiencies that the occupant cannot correct. The occupant shall provide the owner or owner authorized agent with access to the dwelling unit to correct any deficiencies in the carbon monoxide detector that has been reported.

705.1.2 Type of Alarm: The carbon monoxide detector(s) shall be either battery operated, AC plug-in with battery back-up, or wired into the structure's AC power with battery back-up.

Appendix A
Boarding Standards

A102.4 Paint: exterior paint shall be exterior grade paint suitable for painting boarding sheet material. Color shall match or be in harmony with the existing structure as approved by the Code Official.

A103.6 Paint: The exterior of all boarded openings shall be painted in accordance with A102.4 Paint. At no time shall any boarded openings have bare wood showing on the exterior of the structure unless otherwise approved by the Code Official.

Section 3: This Ordinance shall be in full force and effect both from and after its passage by the Board of Aldermen and approval by the Mayor.

PASSED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

APPROVED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

ATTEST:

City Clerk

BILL NO.

ORDINANCE NO. _____

SPONSOR: _____

AN ORDINANCE ADOPTING THE 2018 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE IN THE CITY OF PACIFIC.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PACIFIC, MISSOURI, AS FOLLOWS:

Section 1: Adoption of Residential Code.

A certain document, copies of which are on file in the Office of the City Clerk of the City of Pacific, being marked and designated as the 2018 International Residential Code as published by the International Code Council is hereby adopted as the Residential Code of the City of Pacific and the terms of said Residential Code are hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance with the additions, insertions, deletions and changes, if any, described in Section 2 of this Ordinance.

Section 2: Additions, insertions and changes.

R 101.1 Title. These provisions shall be known as the Residential Buildings Code for One- and Two-Family Dwellings in the City of Pacific, and shall be cited as such and will be referred to herein as "this code".

R 101.2 Scope. The provisions of this code shall apply to the construction, alteration, movement, enlargement replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and townhouses not more than three stories above grade plan in height with a separate means of egress and their accessory structures not more than three stories above grade plane in height.

R 105.2 – Work Exempt from permit. Delete the following exceptions: Building No. 2 and 10. Amend Building No. 3 as follows: Retaining walls that are not over 4 feet in height, unless supporting a surcharge.

R 105.5 Expiration. Amend as follows: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance or after 365 days of issuance. The building official is authorized to grant, in writing, one or more extensions of time, for periods of not more than 180 days each. The extension shall be in writing and justifiable cause demonstrated.

R 106.3.2 Previous approvals. Amend as follows: This code shall not require changes in the construction documents, construction or designated occupancy of a structure for which a lawful permit has been heretofore issued or otherwise lawfully authorized, and the construction of which has been pursued in good faith within 180 days after the effective date of this code and has not been abandoned. Any plans "Mastered" before the effective date of this code will be required to be re-submitted and reviewed for code compliance under this code to remain as a "Mastered" plan.

R 108.2 Schedule of permit fees. On buildings, structures, electrical, gas, mechanical and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the City of Pacific Municipal Code.

R 108.6 Work commencing before permit issuance. Any person who commences work requiring a permit on a building, structures, electrical, gas, mechanical and plumbing systems before obtaining the necessary permits shall be subject to a fee established by the applicable governing authority double the original permit fee in addition to the required permit fees.

R 112.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the building official related to the application and interpretations of this code, there shall be and is hereby created a board of appeals. The board of appeals shall consist of the Board of Adjustment.

R 113.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code shall be subject to penalties as prescribed by Section 100.170 of the City of Pacific Municipal Code.

R 114.2 Unlawful continuance. Any person who shall continue any work in or about the structure after having been served with a stop work order, the posting of a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by Section 100.170 of the City of Pacific Municipal Code.

R 202 Definitions. Exterior balcony. An exterior floor projecting from and supported by the structure without additional independent support.

R - Table 301.2 (1)	Climatic and Geographic Design Criteria	
	Ground Snow Load	20 psf
	Wind Speed	90 mph (3 sec. gust) 76 mph (fastest mile)
	Seismic Design	Category C
	Weathering	Severe
	Frost Depth	30 inches
	Termite	Moderate to Severe
	Winter Design Temp.	0 to 10 degrees F
	Ice Barrier Underlayment	No
	Flood Hazards	Ordinance 3181, April 7, 2020
	Current Firm	June 5, 2020

R 302.5.1 Opening Protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or

honeycomb-core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire-rated doors.

R.302.13 Fire protection of Floors – Delete entire section.

R 303.3 Bathrooms – Exceptions: Add to the last sentence: Outside will be considered as ridge vent, gable vent, and vented soffit.

R 303.4 Mechanical ventilation. Delete entirely.

R 309.5 Fire Sprinklers. Private garages shall be protected by fire sprinklers where the garage wall has been designed based on Table 302.1 (2), Note a, and the homeowner has opted to purchase a fire sprinkler system for their residence, as per Missouri Revised Statutes 67.281, as amended.

R 311.3.2 Floor elevations at other exterior doors. A landing is not required where a stairway of 3 or fewer rises, two treads and a landing, is located on the exterior side of an exterior door, provided the door does not swing over the stairway.

R 312.2 Window fall protection. Delete in its entirety.

R 312.2.1 Window sills. Delete in its entirety.

R 312.2.2 Window opening control devices. Delete in its entirety.

R 313.1 Townhouse automatic fire sprinkler systems. A builder of townhouses shall offer to any purchaser on or before the time of entering into the purchase contract the option, at the purchaser's cost, to install or equip sprinklers in the townhouse. (RSMO Section 67.281, as amended.)

R 313.2 One- and two-family dwellings automatic fire sprinkler systems. A builder of one- and two-family dwellings shall offer to any purchaser on or before the time of entering into the purchase contract the option, at the purchaser's cost, to install or equip sprinklers in the dwelling. (RSMO Section 67.281, as amended.)

R 314.3 Location. Smoke alarms shall be installed in the following locations: 3. On each additional story of the dwelling, including basements and habitable attics and not including crawl spaces and uninhabitable attics.

R 319 Site Address. Letters and numbers shall be a minimum of three (3) inches in height for residential, and six (6) inches in height for commercial, with a minimum stroke width of five-tenths (0.5) inch.

R 402.1 Wood foundations. Delete entirely including all subsections.

R 403.1 General. Delete crushed stone footing and wood foundation.

Delete tables 403.1(1), 403.1(2), 403.1(3) and replace with table 403.1

Table 403.1 Minimum Width and Thickness of Concrete or Masonry Footings

Load-Bearing Value of Soil (psf) 1,500 to 4,000

- 1 -story 8" thick x 20" wide
- 2 -story 8" thick x 20" wide
- 3 -story 10" thick x 24" wide

Reinforcement – Two (2) No. #4 rebar continuous and tied in place.

R 403.1.4.1 Frost protection. Exceptions – Change #1 to two hundred (200) square feet, and delete #2 and #3.

R 403.1.4.3 Cold Weather Requirement – Add the following: No concrete shall be poured or installed below a temperature of twenty-five degrees Fahrenheit. (25° F.)

R 403.1.4.4 Hot Weather Requirements – Add the following: During hot weather, proper attention shall be given to ingredients, production methods, handling placing, protection during curing to prevent excessive concrete temperature or water evaporation that could impair the required strength or serviceability of the member or structure. No concrete shall be poured or installed when the temperature is above one hundred five degrees Fahrenheit. (105° F.)

R 403.2 Footings for wood foundations. Delete entirely. Deleted wood foundations, footings do not apply.

R 403.3.3 Drainage. Delete Last Sentence: “or into an approved sewer system.”

Tables - 404.1.1(1), 404.1.1(2), 404.1.1(3), 404.1.1(4), 404.1.1(5), 404.1.1(6), 404.1.1(7), 404.1.1(8), & 404.1.1(9). Plain Concrete and Plain Masonry Foundation Walls Delete in its entirety.

Add the following table.

Table - 404.1.1(1) Reinforced Concrete and Masonry Foundation Walls

Maximum Wall Height	Minimum Vertical/Horizontal Reinforcement Size and Spacing for 8' - 10' - 12' Walls All Soil Classes
4 FT.	Vert. - #4 @ 4FT. O.C. Horiz. - #4 @ 2FT. O.C.
8 FT.	Vert. - #4 @ 2FT. O.C. Horiz. - #4 @ 2FT. O.C.
9 FT.	Vert. - #5 @ 2FT. O.C. Horiz. - #5 @ 2FT. O.C.
Over 10 FT.	Design Required

Note:

- a) Mortar shall be type M and S masonry shall be laid in running bond.
- b) Vertical/horizontal reinforcement shall be a grade (40) minimum. The distance from the face of the soil side of the center of the vertical reinforcement shall be at least five (5) inches for eight (8) inch walls, six and seventy-six hundredths (6.76) inches for ten (10) inch walls, and eight and seventh-five Hundredths (8.75) inches for twelve (12) inch walls.
- c) Vertical rebar shall extend to within six (6) inches from the top of the foundation wall.

R 404.2 Wood foundation walls. Delete entirely including all subsections.

R 405.2 Wood foundations. Delete entirely including all subsections.

R - 408.4 Access - Change to the following: All access opening in this Section shall be a minimum eighteen (18) inches by twenty-four (24) inches.

Table R – 503.2.1.1(1) Allowable Spans and Loads for Wood Structural panels for Roofs, Sub-floors and combination Sub-Floor underlayment.

Delete minimum nominal panel thickness 3/8" & 7/16" for Sheathing, Roof, Sub-floor

Delete minimum nominal panel thickness 19/32" & 5/8" for Underlayment, C-C Plugged, Single Floor, Roof, Combination Sub-floor underlayment.

R 504 Pressure Preservative Treated Wood Floors (On Ground). Delete entirely including all subsections.

Chapter 11, Energy Efficiency - Delete in its entirety.

M 1501.1 Outdoor discharge. The air removed by every mechanical exhaust system shall be discharged to the outdoors in accordance with Section M1504.3. Air shall not be exhausted into an attic, soffit, ridge vent or crawl space.

Exceptions: Add new Number 2.

- Bathroom exhaust may discharge to a ventilated soffit.

G 2420.5.3 (409.5.3) Located at Manifold: Delete Section.

G2433.1 (603.1) Delete and replace with: Log Lighters: Log lighters are not permitted.

P 2503.5.1 Rough plumbing. DWV systems shall be tested on completion of the rough piping installation by water or by air, without evidence of leakage. Either test shall be applied to the drainage system in its entirety or in sections after rough-in piping has been installed, as follows:

- Water test. Each section shall be filled with water to a point not less than 5 feet (1524 mm) above the highest fitting connection in that section, or to the highest point in the completed

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.

- Air test. The portion under test shall be maintained at a gauge pressure of 5 pounds per square inch (psi) (34 kPa) or 10 inches of mercury column (34 kPa). This pressure shall be held without introduction of additional air for a period of 15 minutes.

P 2706.2 Prohibited waste receptors. Plumbing fixtures that are used for washing or bathing shall not be used to receive the discharge of indirect waste piping. Exceptions: add 3.

1. A kitchen sink trap is acceptable for use as a receptor for a dishwasher.
2. A laundry tray is acceptable for use as a receptor for clothes washing machine.
3. A drain or waste pipe above a trap is acceptable for use as a receptor for mechanical equipment condensate drains.

P 2804.0 Water Heater Sizing

Table – 2804.1 Water Heater Sizing Chart

For SI: 1 gallon = 3.785 L, 1 gallon per hour = 1.05 mL/s, 1 Btu/h = 0.2931

NOTE: Storage capacity, input and the recovery requirements indicated in the table are typical and may vary with each individual manufacturer. Any combinations of these requirements to produce 1 – hour draw stated will be satisfactory. Recovery is based on one hundred degrees Fahrenheit (100°F.) water temperature rise.

FUEL		Gas	Elect	Oil	Gas	Elect	Oil	Gas	Elect	Oil	Gas	Elect	Oil
Number of Bedrooms		1			2			3					
1 to 1 1/2 Baths	Storage (gal)	20	20	30	30	30	30	30	40	30			
	Input (Btu/h or kW)	27 kW	25	70 kW	35 kW	35	70 kW	36 kW	45	70 kW			
	Draw (gph)	43	30	89	60	44	89	60	58	89			
	Recovery (gph)	23	10	59	30	14	59	30	18	59			
Number of Bedrooms		2			3			4			5		
2 to 2 1/2 Baths	Storage (gal)	30	40	30	40	50	30	40	50	30	50	66	30
	Input (Btu/h or kW)	36 kW	45	70 kW	36 kW	55	70 kW	38 kW	55	70 kW	47 kW	55	70 kW
	Draw (gph)	60	58	89	70	72	89	72	72	89	90	88	89
	Recovery (gph)	30	18	59	30	22	59	32	22	59	40	22	59
Number of Bedrooms		3			4			5			6		
3 to 3 1/2 Baths	Storage (gal)	40	50	30	50	66	30	50	66	30	50	80	40
	Input (Btu/h or kW)	38 kW	55	70 kW	38 kW	55	70 kW	47 kW	55	70 kW	50 kW	55	70 kW
	Draw (gph)	72	72	89	82	88	89	90	88	89	92	102	99
	Recovery (gph)	32	22	59	32	22	59	40	22	59	42	22	59

N P2902.5.3 Lawn Irrigation Systems - Change to read as follows: The potable water supply to lawn irrigation systems shall be protected against backflow by a reduced pressure principal backflow preventer. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced principal backflow preventer.

P 2904.1 General. When installed, the design and installation of residential fire sprinkler systems shall be in accordance with NFPA 13D or Section P2904, which shall be considered to be equivalent to NFPA 13D. Partial residential sprinkler systems shall be permitted to be installed only in buildings not required to be equipped with a residential sprinkler system. Section P2904 shall apply to stand-alone and multipurpose wet-pipe sprinkler systems that do not include the use of antifreeze. A multipurpose fire sprinkler system shall provide domestic water to both fire sprinklers and plumbing fixtures. A standalone sprinkler system shall be separate and independent from the water distribution system. A backflow preventer shall not be required to separate a sprinkler system from the water distribution system, provided that the sprinkler system complies with all of the following:

- The system complies with NFPA 13D or Section P2904.
- The piping material complies with Section P2906.
- The system does not contain antifreeze.
- The system does not have a fire department connection.

P 2906.4 Water service pipe: Table 2906.4 Delete the following: (ABS) plastic pipe, asbestos-cement pipe, (CPVC) plastic pipe, (PE-AL-PE) compositior pipe, (PP) plastic pipe and tubing.

P 2906.5 Water Distribution Systems: Table 2906.5 Delete the following: (ABS) plastic pipe, (PE-AL-PE) compositior pipe, (PP) plastic pipe and tubing.

P 2906.5.1 Under Concrete Slabs: Inaccessible water distribution piping under slabs shall be PE 4710, CTS (copper tube size), SDR 9, 200 psi, AWWA C901, NSF-pw, copper water tubing minimum Type K, brass, ductile iron pressure pipe, all to be installed with approved fittings or bends. The minimum pressure rating tubing installed under slabs shall be one hundred (100) psi at 180' F.

P 3002.1 (1) Above- Ground Drainage and Vent Pipe: Table 3002.1(1) – Delete the following: (ABS) plastic pipe in IPS diameters, including schedule 40, DR22(PS200) and DR 24 (PS140): with solid, cellular core, or composite wall, Polyolefin pipe, (PVC) plastic pipe in IPS diameters, schedule 40, (cellular core) or (composite wall), DR22 (PS200) and DR24 (PS140): with solid, cellular core, or composite wall. (PVC) plastic pipe with a three and twenty-five hundredths (3.25) inch O.D. in (cellular core) or composite wall. (PVDF) plastic pipe.

P 3002.1 (2) Underground Building Drainage and Vent Pipe Table 3002.1(2) Delete the following: (ABS) plastic pipe in IPS diameters, including schedule 40, DR22, (PS200), and DR-24 (PS140): with solid, cellular core and composite wall. Asbestos – cement pipe, Polyolefin pipe, (PVC) plastic pipe in IPS diameters, schedule 40, (cellular core) or composite wall, DR-22 (PS200) and DR24 (PS140): with solid, cellular core or composite wall. (PVC) plastic pipe three and twenty-five hundredths (3.35) inch O.D. in cellular core or composite wall. (PVDF) plastic pipe.

P 3002.2 Building Sewer Pipe: Table 3002.2 Delete the following: (ABS) plastic pipe in IPS diameters, including schedule 40, DDR22 (PS 200) and DR24 (PS140); with a solid, cellular core or composite wall. (ABS) plastic pipe in sewer and drain diameters, including PS35, (PS45), PS50, PS100, PS140, SDR 23.5 (PS150) and PS200 in solid, cellular core or composite wall. (PVC) plastic pipe in IPS diameters, including schedule 40 (cellular core) or composite wall, DR22 (PS200) and DR24 (PS140); with solid, cellular core or composite wall. (PVC) plastic pipe in sewer and drain diameters, including PS25, DSR 41 (PS28), PS35, (PS 46), PS50, PS100, SDR 26, (PS 115), PS 140 and PS200; with solid, cellular core and composite wall. (PVC) plastic pipe three and twenty-five hundredths (3.25) inch O.D. in (cellular core) or composite wall. (PVDF) plastic pipe. Vitrified clay pipe.

P 3002.3 Pipe fittings: Table 3002.3 – Delete the following: (ABS) plastic pipe in IPS diameters, (ABS) plastic pipe in sewer and drain diameters, Polyolefin, (PVDF) plastic pipe. Vitrified clay pipe.

P3007.3 Discharge piping location. All sump pump piping shall be discharged to the outside only. Discharge to sanitary sewer is prohibited.

P 3113.1.1 Main vent stack: Every building shall have a main vent of three (3) inches in diameter that is either a vent stack or a stack vent. Such vent shall run undiminished in size and as direct as possible from the building drain through to the open air above roof. All other vents shall not be less than two (2) inches in diameter.

P 3114.1 General – Add the following sentence: Where approved by the Code Official.

E 3405.2 Working clearances for energized equipment and panelboards. Add in flood hazard areas: The floor or platform of the working space shall be a minimum of 36 inches and a maximum of 5 feet-6 inches below for a meter socket or minimum of 12 inches to the bottom of a hinged type current transfer cabinet and a maximum of 6 feet to the top of the cabinet.

E 3601.6.2 Service disconnect location. The service disconnecting means shall be installed at a readily accessible location outside of the building. Each occupant shall have access to the disconnect serving the dwelling unit in which they reside. [NEC 230.70(A)(1)(2), 230.72(c)]

Table 3603.1 Service Conductor and Grounding Electrode Conductor Sizing: Change Table as follows:

1. Delete 250, 300 and 350 service or feeder rating (Amperes).
2. Change the conductor types and sizes for the 400 amp service rating to the following:
 - a. Copper (AWG: 400 copper kcmil or two sets 2/0
 - b. Aluminum and copper-clad aluminum (AWG): Aluminum and copper clad aluminum 500 kcmil, or two sets of 4/0.

E 3605.5 Protection of Service Cables Against Damage and all other service cables: Above ground service - entrance cables, where subject to physical damage, shall be protected by a minimum of schedule 40 conduit.

E 3902.2 Garage and accessory building receptacles. 125-volt, single-phase, 15- or 20-ampere receptacles installed in garage and grade-level portions of unfinished accessory buildings used for storage or work areas shall have ground-fault circuit-interrupter protection for personnel. [210.8(A)(2)]

Exceptions:

- Fastened in place appliances or outlets designated for refrigerators/freezers.
- Dedicated garage door receptacles

E 3902.5 Unfinished basement receptacles. 125-volt, single-phase, 15- and 20-ampere receptacles installed in unfinished basements shall have ground-fault circuit-interrupter protection for personnel. For purposes of this section, unfinished basements are defined as portions or areas of the basement not intended as habitable rooms. [210.8(A)(5)]

Exceptions:

- A receptacle supplying only a permanently installed fire alarm or burglar alarm system. Receptacles installed in accordance with this exception shall not be considered as meeting the requirements of Section E3901.9. [210.8(A)(5) Exception]
- Fastened in place appliances or outlets designated for refrigerators/freezers.

E 3902.10 Kitchen dishwasher branch circuit. Delete the following: Ground-fault circuit-interrupter protection shall be provided for outlets that supply dishwashers in dwelling unit locations. [210.8(D)]

E 3902.16 Arc-fault circuit-interrupter protection. Delete entirely

E 4002.14 Tamper-resistant receptacles. Delete entirely including Exception

Adopt the following Appendices:

Appendix A Sizing and Capacities of Gas Piping

Appendix B Sizing of Venting Systems Serving Appliances equipped with Draft hoods, Category 1 Appliances and Appliances listed for use with Type B Vents

Appendix C Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems

Appendix D Recommended Procedure for Safety Inspection of an Existing Appliance Installation

Appendix E Manufactured Housing Used as Dwellings

Appendix H Patio Covers

Appendix J Existing Buildings and Structures

Appendix M Home Day Care — R-3 Occupancy

Appendix N Venting Methods

Appendix P Sizing of Water Piping System

Section 3: This Ordinance shall be in full force and effect both from and after its passage by the Board of Aldermen and approval by the Mayor.

PASSED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

APPROVED this _____ day of _____, 2022. _____
Heather Filley, MAYOR

ATTEST:

City Clerk

Draft