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P. Hrg. _____
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Filed: 01-05-16

Sponsored by: Fisk

First Reading: January 11, 2016

Second Reading January 25, 2016

COUNCIL BILL NO. 2016-012

GENERAL ORDINANCE NO. 6260

AN ORDINANCE

1 AMENDING Chapter 36 of the Springfield City Code, known as the Land
2 Development Code, Article VIII, Plumbing Code, Division 2 – Deletions,
3 Modifications, Amendments, and Additions to the Plumbing Code, Section
4 36-622 by amending certain subsections and enacting new subsections
5 related to the same subject; and amending Section 36-624 – Penalty
6 clause to correct an error.
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9 BE IT ORDAINED BY THE COUNCIL OF THE CITY OF SPRINGFIELD,
10 MISSOURI, as follows, that:

11 Section 1 – Chapter 36 of the Springfield City Code, known as the Land
12 Development Code, Article VIII, Plumbing Code, Division 2 – Deletions, Modifications,
13 Amendments, and Additions to the Plumbing Code is hereby amended as follows:
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16 Note: Underlined language is to be added. ~~Stricken~~ language is to be removed.

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18 Sec. 36-622. - Deletions, modifications, amendments, and additions to the plumbing
19 code.
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21 The 2012 International Plumbing Code as adopted is hereby amended and
22 changed as follows:
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26 (i) Amend Section 604, Design of building water distribution system,
27 subsection 604.8, Water pressure reducing valve or regulator, as follows:
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29 604.8 Water pressure reducing valve or regulator. An approved water-pressure
30 reducing valve conforming to ASSE 1003 with strainer shall be installed to
31 reduce the pressure in the building water distribution piping to 80 psi (552 kPa)
32 static or less. Where the water pressure within a building is expected to exceed
33 80 psi (552 kPa) static, an approved water-pressure reducing valve conforming

34 to ASSE 1003 or CSA B356 with strainer shall be installed to reduce the
35 pressure in the water distribution piping to not greater than 80 psi (552 kPa)
36 static.

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40 (l) Amend Section 608, Protection of potable water supply, by adding new
41 subsection 608.1.1, as follows:

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43 *608.1.1 Public water supply protection.* The public water supply distribution
44 system shall be protected from any cross connections. All nonresidential
45 customers shall install, maintain, and test yearly, a reduced pressure principal
46 backflow device. The device shall be installed as close as possible to the point
47 where the potable water service enters the building or as approved by the water
48 purveyor. No branch lines or taps will be allowed between the water meter and
49 the backflow device. The installation of the backflow assembly shall be required
50 as a condition for any new nonresidential ~~servicesystem~~ and for permitted
51 modifications to an existing nonresidential service where more than four drainage
52 fixture units, as defined in Table 709.1, are installed. The draining fixture unit
53 value for pot sinks or three compartment sinks is defined as three.

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57 (q) Amend Section 701, General, subsection 701.2, Sewer required, as
58 follows:

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60 *Section 701.2 Sewer required.* ~~Every b~~Buildings in which plumbing fixtures are
61 installed and all premises having drainage piping shall be connected to a public
62 sewer, where available, or an approved private sewage disposal system in
63 accordance with the ~~2012-~~International Private Sewage Disposal Code.
64 Connections to a public sewer shall conform to Public Works Standard Drawing
65 Details for Public Improvements, including Standard Drawing Details SAN-24 and
66 SAN-25. Plumbing Code and Article I, Zoning Ordinance, of the Land
67 Development Code of the City of Springfield. A public sewer shall be considered
68 available when it is within 200 feet of any structure with plumbing fixtures and
69 drainage piping. (A copy of SAN-24 and SAN-25 is attached hereto and
70 incorporated herein by reference as "Exhibit 1.")

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72 (r) Amend Section 708 Cleanouts, Subsection 708.3.2 Building sewers, as
73 follows:

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75 *Section 708.3.2 Building sewers.* Building sewers shall be provided with
76 cleanouts located not more than 100 feet (30,480 mm) apart measured from the
77 upstream entrance of the cleanout, and as shown on Public Works Standard
78 Drawing Detail SAN-25. For building sewers 8 inches (203 mm) and larger,
79 manholes shall be provided and located not more than 200 feet (60,960 mm)

80 from the junction of the building drain and public sewer, at each change in
81 direction and at intervals of not more than 400 feet (122 m) apart. Manholes and
82 manhole covers shall be of an approved type.

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84 (fs) Amend Section 903, Vent terminals, subsection 903.1 Roof extension,
85 as follows:

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87 *903.1 Roof extension.* All open vent pipes that extend through a roof shall be
88 terminated at least 12 inches above the roof, except that where a roof is to be
89 used for any purpose other than weather protection, the vent extensions shall be
90 run at least seven feet (2134 mm) above the roof.

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92 (st) Amend Section 918, Air admittance valves, by adding new subsection
93 918.1.1, as follows:

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95 *918.1.1 Permitted locations.* The use of air admittance valves shall be permitted
96 only in the remodel of existing buildings and shall not be permitted in new
97 structures and building additions, except for island fixtures, unless prior approval
98 is granted by the authority having jurisdiction.

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100 (t) ~~Amend Section 1003, Interceptors and separators, by adding new~~
101 ~~subsection 1003.2.1, as follows:~~

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103 ~~*1003.2.1 Design Standard and Sizing.* All interceptors shall be Plumbing and~~
104 ~~Drainage Institute (POI) certified and sized in accordance with POI or~~
105 ~~manufacturer's design criteria. All noncertified devices shall be subject to the~~
106 ~~approval of the authority having jurisdiction.~~

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108 (u) Amend Section 1003, Interceptors and separators, subsection 1003.3.1,
109 Grease interceptors and automatic grease removal devices required, as
110 follows:

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112 *1003.3.1 Grease interceptors and automatic grease removal devices required.* A
113 grease interceptor or automatic grease removal device shall be required to
114 receive the drainage from fixtures and equipment with grease laden waste
115 located in food preparation areas, such as in restaurants, hotel kitchen, hospitals,
116 school kitchens, bars, factory cafeterias and clubs. Fixtures and equipment shall
117 include pot sinks, pre-rinse sinks; soup kettles or similar devices; work stations;
118 floor drains or sinks into which kettles are drained; mop sinks, kitchen floor
119 drains, culinary sinks; automatic hood wash units and dishwashers without pre-
120 rinse sinks. Grease interceptors and automatic grease removal devices shall
121 receive waste only from fixtures and equipment that allow fats, oils or grease to
122 be discharged. Where the lack of space or other constraints prevent the
123 installation or replacement of a grease interceptor, one or more grease
124 interceptors shall be permitted to be installed on or above the floor and upstream
125 of an existing grease interceptor.

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(v) Amend Section 1003, Interceptors and Separators, Subsection 1003.3.4, as follows:

1003.3.4 Interceptors and Separators. Hydromechanical grease interceptors and automatic grease removal devices. Minimum required size of hydromechanical grease interceptors and automatic grease removal devices shall be sized determined in accordance with ASME A112.14.3 Appendix A, ASME112.14.4, CSA B481.3 or PDI G101. Drainage period used in calculations to size hydromechanical grease interceptors and automatic grease removal devices shall be no more than 1 minute. Hydromechanical grease interceptors and automatic grease removal devices shall be designed and tested in accordance with ASME A112.14.3 Appendix A, ASME 112.14.4, CSA B481.1, PDI G101 or PDI G102. Hydromechanical grease interceptors equipped with manholes for access shall be equipped with a manhole for each chamber in the interceptor. Concrete grease interceptors will not be allowed. Hydromechanical grease interceptors and automatic grease removal devices shall be installed in accordance with the manufacturer's instructions. Where manufacturer's instructions are not provided, hydromechanical grease interceptors and grease removal devices shall be installed in compliance with ASME A112.14.3, ASME112.14.4, CSA B481.3 or PDI G101. This section shall not apply to gravity grease interceptors. Gravity grease interceptors shall be subject to the approval of the Authority Having Jurisdiction.

(~~v~~w) Amend Section 1003, Interceptors and separators, by adding new subsection 1003.11, as follows:

1003.11 Sampling manhole. A sampling manhole shall be installed for all required interceptors in accordance with City of Springfield Public Works standard details to monitor the entire building, or individual tenant space.

(~~w~~x) Repeal all language referencing flood hazard areas in various sections and replace with the following:

All structures located within a designated flood hazard area shall comply with General Ordinance No. 5907, dated November 1, 2010.

(~~x~~y) The following section of the International Green Construction Code shall be considered an adopted part of the Plumbing Code:

SECTION 707, RAINWATER COLLECTION AND DISTRIBUTION SYSTEMS.

Section 2 – Amending Section 36-624 Penalty clause of the Springfield City Code as follows:

Sec. 36-624. - Penalty clause.

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Any person violating any of the provisions of this ordinance, or failing to comply with any order issued pursuant to any section thereof, or who shall erect, construct, alter or repair a building, structure or system in violation of an approved plan or directive of the code official or of a permit or certificate issued under the provisions of these codes, shall be guilty of a violation of a municipal ordinance and upon conviction thereof shall be punished as provided for in section 1-7 of the City Code, except that any fine imposed shall not be less than \$200.00 for the first offense, \$400.00 for the second offense, and \$500.00 for every offense thereafter. Each day that a violation continues, after a service of notice as provided for in these codes, shall be deemed a separate offense. Notice as set forth in section ~~36-167~~ 36-166 shall not be required in order to prosecute a person for a violation of any provision of this article or these codes, except such notice shall be required to prosecute a person for failure to comply with an order.

Section 3 – Savings Clause. Nothing in this ordinance shall be construed to affect any suit or proceeding now pending in any court or any rights acquired or liability incurred nor any cause or causes of action accrued or existing, under any act or ordinance repealed hereby, or shall any right or remedy of any character be lost, impaired, or affected by this ordinance.

Section 4 – Severability Clause. If any section, subsection, sentence, clause, or phrase of this ordinance is for any reason held to be invalid, such decision shall not affect the validity of the remaining portions of this ordinance. The Council hereby declares that it would have adopted the ordinance and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses, or phrases be declared invalid.

Section 5 – This ordinance shall be in full force and effect from and after February 1, 2016

Passed at meeting: January 25, 2016

Robert L. Stephen
Mayor

Attest: [Signature], Assistant City Clerk

Filed as Ordinance: January 25, 2016

Approved as to form: Duke McDonald, Assistant City Attorney

218 Approved for Council Action: , City Manager

EXPLANATION TO COUNCIL BILL NO. 2016-012

FILED: 01-05-16

ORIGINATING DEPARTMENT: BUILDING DEVELOPMENT SERVICES

PURPOSE: To amend and add certain sections of Chapter 36 of the Springfield City Code, known as the Land Development Code, Article VIII, Plumbing Code, Division 2 – Deletions, Modifications, Amendments, and Additions to the Plumbing Code, Section 36-622 by amending certain subsections and enacting new subsections related to the same subject; and amending Section 36-624 – Penalty clause to correct an error.

BACKGROUND AND REMARKS: With the adoption of the 2012 International Plumbing Code, staff and the development community determined that it would be in the best interest of the community to change from a 3 year cycle on new code adoption to a 6 year cycle. The international codes are revised and published every 3 years. It was also agreed that the “off year publication” (2015 edition) would be reviewed for possible amendments to the 2012 edition currently adopted by the City of Springfield. The proposed amendments are based on a review of the 2015 edition. The proposed amendments provide improved language and design provisions that will benefit citizens and the development community.

The proposed amendments were placed on the City website for review by the members of the Home Builders Association, Springfield Contractors Association, Missouri Society of Professional Engineers, the local chapter of the American Institute of Architects, and the Development Issues Input Group. The City has received no objections to the proposed amendments.

Submitted by:



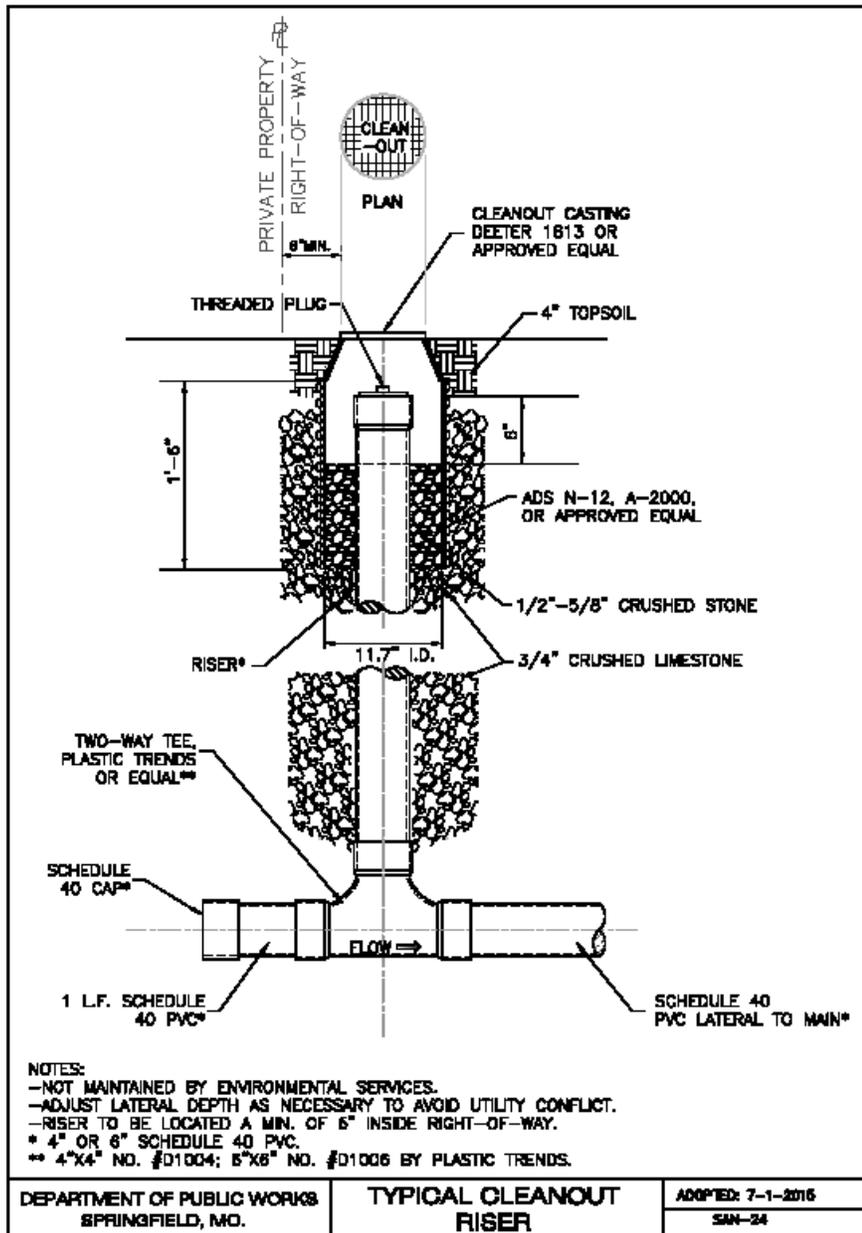
Building Development Services

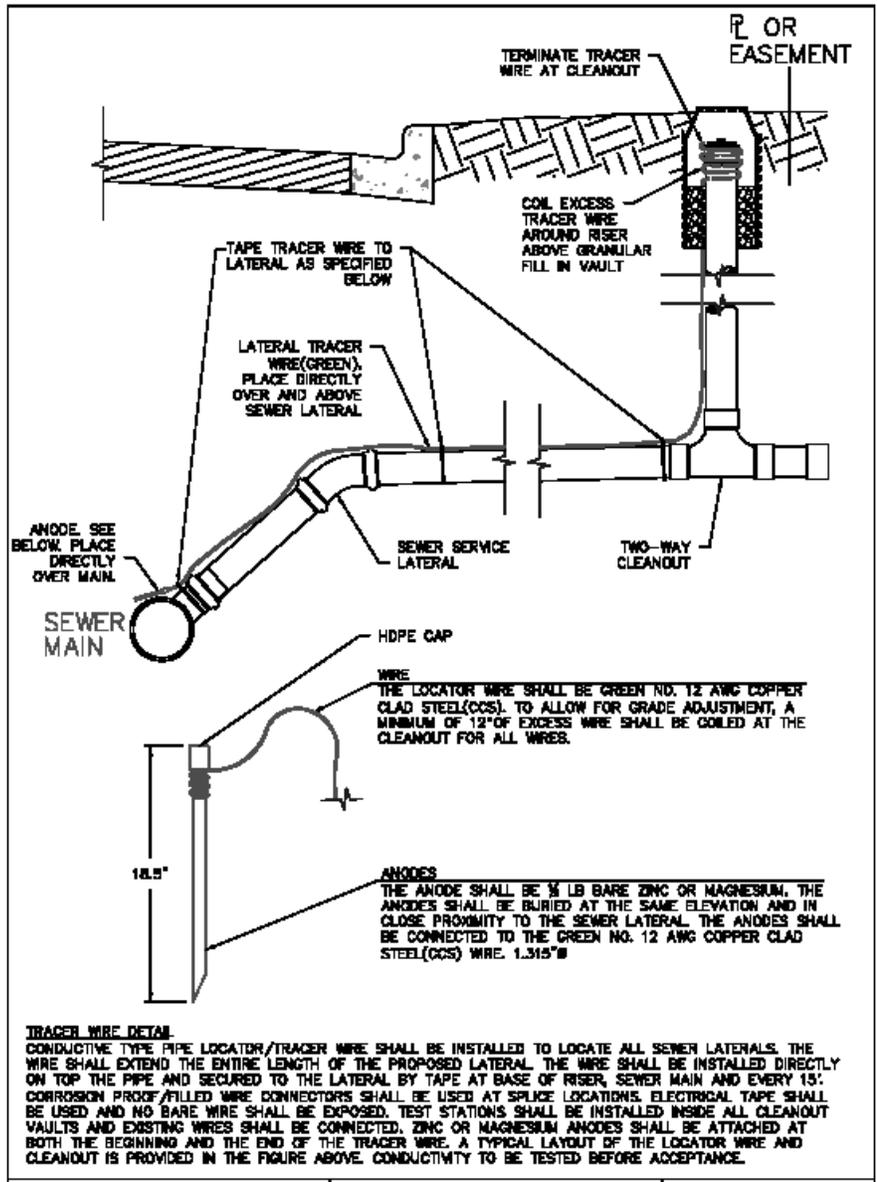
Approved by:



City Manager

Exhibit 1





DEPARTMENT OF PUBLIC WORKS SPRINGFIELD, MO.	TRACER WIRE DETAIL	ADOPTED: 7-1-2015 SAN-25
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