

ORDINANCE NO. _____

1 AN ORDINANCE amending Chapter 24.12 of the Lincoln Municipal Code relating
 2 to the Lincoln Plumbing Code, by adding a new Section numbered 24.12.062 to amend Section
 3 220.0 of the Uniform Plumbing Code to add a definition for rain sensor; amending Section
 4 24.12.160 of the Lincoln Municipal Code to amend Section 603.4.6 of the Uniform Plumbing Code,
 5 Protection from Lawn Sprinkler and Irrigation Systems, to require the plans accompanying an
 6 application for a permit for the installation of any underground irrigation system show the inclusion
 7 of a rain sensor; and repealing Section 24.12.160 of the Lincoln Municipal Code as hitherto
 8 existing.

9 BE IT ORDAINED by the City Council of the City of Lincoln, Nebraska:

10 Section 1. That Chapter 24.12 of the Lincoln Municipal Code be amended by adding
 11 a new section numbered 24.12.062 to read as follows:

12 **24.12.062 Section 220.0 Amended; Definitions - R.**

13 Section 220.0 of the Uniform Plumbing Code is amended by adding the definition of “rain
 14 sensor” as follows:

15 **Rain Sensor** - An automatic device that can be set to turn off an underground irrigation
 16 system under predetermined rain or soil moisture conditions.

17 Section 2. That Section 24.12.160 of the Lincoln Municipal Code be amended to
 18 read as follows:

19 **24.12.160 Section 603.4.6 Amended; Protection from Lawn Sprinklers and Irrigation**
 20 **Systems.**

21 Section 603.4.6 of the Uniform Plumbing Code is amended to read as follows:

1 **603.4.6 Protection from Lawn Sprinklers and Irrigation Systems.**

2 **603.4.6.1 Application for Permit.** Application shall be made to the Administrative
3 Authority for a permit for the installation of any underground irrigation system. All such
4 applications when required by the Administrative Authority shall be accompanied by plans and
5 specifications in duplicate and in sufficient detail to show clearly the underground supply piping,
6 pipe sizes, depth of pipes below ground surface, location of valves, backflow preventer devices,
7 adjacent curbs, sidewalks, property lines, the inclusion of a rain sensor, and such other data as may
8 be pertinent to the installation. Said plans shall show in particular all piping that is proposed to be
9 located in the public right-of-way, and such piping may be permitted, provided, however, that such
10 permission and the issuance of a permit for the installation of an underground irrigation system
11 wholly or partly in the public right-of-way shall be granted as a privilege. Said plans shall further
12 show in detail the location of the water meter in relation to the water service and the location at
13 which the underground irrigation system is connected to the water service pipe, and a diagram loca-
14 ting all heads, valves, shutoffs, drains, and distribution pipes.

15 **603.4.6.2** Potable water supplies to systems having no pumps or connections for
16 pumping equipment, and no chemical injection or provisions for chemical injection, shall be
17 protected from backflow by one of the following devices:

- 18 1. Atmospheric vacuum breaker
- 19 2. Pressure vacuum breaker
- 20 3. Reduced pressure backflow preventor

21 **603.4.6.3** Where sprinkler and irrigation systems have pumps, connections for
22 pumping equipment, auxiliary air tanks or are otherwise capable of creating back-pressure,
23 the potable water supply shall be protected by the following type of device if the backflow device
24 is located upstream from the source of back-pressure.

- 25 1. Reduced pressure backflow preventor

1 **603.4.6.4** Where systems have a backflow device installed downstream from a
2 potable water supply pump or a potable water supply pump connection, the device shall be
3 one of the following:

- 4 1. Atmospheric vacuum breaker
- 5 2. Pressure vacuum breaker
- 6 3. Reduced pressure backflow preventor

7 **603.4.6.5** Where systems include a chemical injector or any provisions for chemical
8 injection, the potable water supply shall be protected by the following:

- 9 1. Reduced pressure backflow preventor.

10 Section 3. That Section 24.12.160 of the Lincoln Municipal Code as hitherto existing
11 be and the same is hereby repealed.

12 Section 4. That this ordinance shall take effect and be in force from and after its
13 passage and publication according to law.

Introduced by:

Approved as to Form & Legality:

City Attorney

Approved this ____ day of _____, 2007: _____ Mayor
--