

**FIRST READING: January 21, 2020**

**SECOND READING: December 22, 2020**

**ORDINANCE NO. 6376**

**AN ORDINANCE REPEALING AND REENACTING CHAPTER 15.20 OF THE  
LOVELAND MUNICIPAL CODE AND ADOPTING BY REFERENCE THE  
INTERNATIONAL PLUMBING CODE, 2018 EDITION**

**WHEREAS**, pursuant to Section 4-12 of the Charter of the City of Loveland, the City Council is authorized to adopt, by ordinance, any code by reference in accordance with the procedures established by state law; and

**WHEREAS**, the Construction Advisory Board has recommended that City Council adopt the 2018 Edition of the International Plumbing Code (the “2018 IPC”), and amendments thereto; and

**WHEREAS**, the City Council has conducted a public hearing pursuant to C.R.S. §31-16-203 concerning the adoption of the 2018 IPC by reference and finds and determines that it is necessary to the health, safety and general welfare of the public that the City regulate conditions hazardous to life and property by the adoption of the 2018 IPC, and certain amendments and modifications thereto.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY  
OF LOVELAND, COLORADO:**

**Section 1.** Chapter 15.20 of the Loveland Municipal Code is hereby repealed in its entirety and reenacted to read as follows:

**15.20.010 – International Plumbing Code, 2018 Edition – Adopted.**

The International Plumbing Code, 2018 Edition (the “2018 IPC”), issued and published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, is hereby adopted by reference as the mechanical code of the City as if fully set forth herein, with the modifications, if any, set forth in Section 15.20.020 below. This code is a complete code to safeguard public health, safety and welfare by regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of plumbing systems, and providing for issuance of permits and collection of fees therefore. At least one copy of the 2018 IPC, which has been certified by the Mayor and City Clerk, shall be on file in the office of the City Clerk and may be inspected during regular business hours.

**15.20.020 – Modifications to International Plumbing Code, 2018 Edition.**

The International Plumbing Code, 2018 Edition, adopted in this chapter, is modified as follows:

A. Section 101.1 - Title - is amended to read as follows:

These regulations shall be known as the Plumbing Code of the City of Loveland, hereinafter referred to as "this code" or "plumbing code."

B. Section 103 – Department of Plumbing Inspection - is deleted in its entirety.

C. Section 104 – Duties and powers of the code official – is deleted in its entirety.

D. Section 106.3.1 – Construction documents – is amended to read as follows:

Construction documents, engineering calculations, diagrams and other such data shall be submitted electronically with each application for a permit. The code official shall require construction documents, computations and specifications to be prepared and designed by a registered design professional where required by state law. Construction documents shall be drawn to scale and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that the work conforms to the provisions of this code. Construction documents for buildings more than two stories in height shall indicate where penetrations will be made for pipes, fittings and components and shall indicate the materials and methods for maintaining required structural safety, fire-resistance rating and fire blocking.

E. Section 106.5 – Permit issuance – is deleted in its entirety.

F. Section 106.6 – Fees – is deleted in its entirety.

G. Section 108 – Violations – is deleted in its entirety.

H. Section 109 – Means of appeal - is deleted in its entirety.

I. Section 305.4 – Freezing - is amended to read as follows:

Water, soil and waste pipes shall not be installed outside of a building, in attics or crawl spaces, concealed in outside walls, or in any other place subjected to freezing temperatures unless adequate provision is made to protect such pipes from freezing by insulation or heat or both. Exterior water supply system piping shall be installed not less than 54 inches below grade.

J. Section 305.4.1 – Sewer depth – is amended to read as follows:

Building sewers that connect to private sewage disposal systems shall be installed not less than 24 inches below finished grade at the point of septic tank connection. Building sewers shall be installed not less than 24 inches below grade.

K. Section 312.3 – Drainage and vent air test - is amended to read as follows:

An air test shall be made by forcing air into the system until there is a uniform gauge pressure of 5 psi (34.5 kPa) or sufficient to balance a 10-inch (254 mm) column of mercury. This pressure shall be held for a test period of not less than 15 minutes. Any adjustments to the test pressure required because of changes in ambient temperature or the seating of gaskets shall be made prior to the beginning of the test period.

L. Section 312.5 – Water supply system test – is amended to state as follows:

Upon completion of a section of or the entire water supply system, the system, or portion completed, shall be tested and proved tight under a water pressure not less than the working pressure of the system, or by an air test of not less than 50 psi (344 kPa). This pressure shall be held for not less than 15 minutes. The water utilized for tests shall be obtained from a potable

source of supply. The required tests shall be performed in accordance with this section and Section 107.

P. Table 403.1 – Minimum number of required plumbing fixtures - is amended by adding footnote (g):

Footnote g: For business and mercantile occupancies with occupant loads of between 15 and 100, a water bottle dispenser or bottled water dispenser or similar appliance as approved by the building official shall be required.

Q. Section 504.6 – Requirements for discharge piping - is amended by the addition of subsections 504.6.1 and 504.6.2 as follows:

**Section 504.6.1 Collection of Relief Valve Discharge:** A means shall be provided to capture the discharge from a relief valve and convey it to the sanitary drainage system or exterior of the structure either by gravity or a pumped discharge.

Exceptions:

Replacements for existing water heaters.

Where a water sensing device wired to a normally closed solenoid valve installed in the water service piping is placed within the water heater drain pan.

#### **Section 504.6.2 Pumped discharge of relief valve collection**

Pumps used to discharge the clear water collection of relief valves shall have an operating temperature equal to or exceeding that of the relief valve discharge temperature and shall have a gpm rating equal to or greater than the discharge of the relief valve.

R. Section 701.2 – Connection to sewer required – is amended by deleting the exception.

S. Section 715.4 - Written instructions – is amended to state as follows:

Written instructions for the operation, maintenance, safety and emergency procedures shall be provided to the building owner.

T. Section 903.1 – Roof extension - is amended by inserting the number “6” in the brackets.

U. Section 1002.4.1.2 – Reclaimed or gray water-supplied trap seal primer valve – is deleted in its entirety.

V. Chapter 13 – Non-potable water – is deleted in its entirety.

W. Chapter 14 – Subsurface landscape irrigation systems – is deleted in its entirety.

X. Appendix A – Plumbing permit fee schedule – is deleted in its entirety.

Y. Appendix D – Degree day and design temperatures - is amended to add the following table:

Winter Design Dry-bulb	4 degrees F
Summer Design Dry-bulb	94 degrees F
Summer Design Wet-bulb	63 degrees F

Degree Days Heating	6600 degrees F
Degrees North Latitude	40 degrees 35 minutes
Air Freezing Index	906

#### **15.20.030 – Violations and penalties.**

It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use, occupy or maintain any building or structure in the City or cause the same to be done contrary to or in violation of any of the provisions of this code, as adopted and modified by the City. Any person, firm or corporation violating any of the provisions of this code, as adopted and modified by the City, shall be deemed guilty of a misdemeanor and subject to penalties as set forth in Section 1.12.010 of the Loveland Municipal Code.

**Section 2.** That if any section, subsection, or portion of this ordinance is, for any reason, held to be unconstitutional or invalid for any reason, such decision shall not affect that validity of the remaining portions of this ordinance. City Council hereby declares that it would have passed this ordinance, and each section, subsection, and portion hereof, regardless of whether any one or more sections, subsections, or portions may be declared unconstitutional or invalid.

**Section 3.** That nothing in this ordinance shall be construed to affect any suit or proceeding pending in any court, or any rights acquired, liability incurred, or cause of action acquired or existing under any ordinance hereby repealed, nor shall any legal right or remedy of any character be impaired by this ordinance.

**Section 4.** That the City Clerk shall cause to be published twice in a newspaper of general circulation within the City, once at least fifteen days preceding the public hearing, and once at least eight days preceding the public hearing, the following notice:

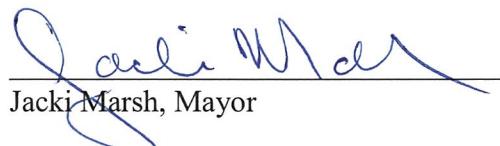
Public notice is hereby given that at 6:00 p.m. on February 4, 2020 in the City Council Chambers, City Hall, 500 East Third Street, Loveland, Colorado, the Loveland City Council will consider on second reading an Ordinance Repealing and Reenacting Chapter 15.20 and Adopting by Reference the International Plumbing Code, 2018 Edition. A public hearing shall be held prior to said consideration. Copies of the above-referenced International Plumbing Code, 2018 Edition and any codes adopted by reference within the code are on file with the Loveland City Clerk and are open to public inspection.

**Section 5.** That as provided in City Charter Section 4-9(a)(7), this Ordinance shall be published by title only by the City Clerk after adoption on second reading unless the Ordinance has been amended since first reading in which case the Ordinance shall be published in full or the

amendments shall be published in full. This Ordinance shall be in full force and effect ten days after its final publication, as provided in City Charter Section 4-8(b).

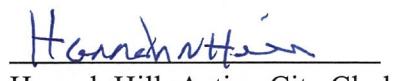
ADOPTED this 22nd day of December, 2020.

**CITY OF LOVELAND, COLORADO:**



Jacki Marsh, Mayor

**ATTEST:**



Hannah Hill, Acting City Clerk

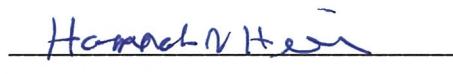
APPROVED AS TO FORM:



Lauri A.  
Assistant City Attorney

Ordinance 6376

I, Patti Garcia, City Clerk of the City of Loveland, Colorado, hereby certify that the above and foregoing Ordinance was introduced at a regular (or special) meeting of the City Council, held on January 21, 2020 and was initially published in the Loveland Daily Reporter-Herald, a newspaper published within the city limits, in full on January 25, 2020 and by title except for parts thereof which were amended after such initial publication which parts were published in full in said newspaper on December 26, 2020.



Hannah Hill  
City Clerk

Effective Date: January 5, 2021