

ORDINANCE NO. 2024-__

**AN ORDINANCE AMENDING CASTLE ROCK MUNICIPAL CODE
SECTION 15.10.030 TO PERMIT THE USE OF THE IAPMO WATER
DEMAND CALCULATOR FOR RESIDENTIAL WATER
CALCULATIONS ONLY**

WHEREAS, the Town has adopted the 2018 International Plumbing Code, subject to certain amendments, additions and deletions set forth in Section 15.10.030 of the Castle Rock Municipal Code; and

WHEREAS, the Town wishes to add Section 15.10.030(E) to the Castle Rock Municipal Code to allow for the use of the International Association of Plumbing and Mechanical Officials (“IAPMO”) Water Demand Calculator for residential water service line sizing in lieu of the current residential water fixture unit calculator approach required by the 2018 International Plumbing Code; and

WHEREAS, use of the IAPMO Water Demand Calculator approach for residential water service line sizing only will allow for reduction in peak demand, and thus reduction in internal plumbing sizes and potential water age within the internal plumbing; and

WHEREAS, there are potential health concerns related to water age; and

WHEREAS, Town Council finds and determines that due to public health and safety considerations, it is desirable to adopt this Ordinance to provide for this change to the 2018 International Plumbing Code as previously adopted by the Town.

NOW, THEREFORE, IT IS ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF CASTLE ROCK, COLORADO AS FOLLOWS:

Section 1. Amendment. Section 15.10.030 of the Castle Rock Municipal Code is hereby amended to read as follows:

15.10.030 – Amendments.

The following amendments, additions and deletions are made to the International Plumbing Code:

A. Section 101.1, Title, is amended to read in its entirety as:

101.1 Title. These regulations shall be known as the International Plumbing Code of the Town of Castle Rock, hereinafter referred to as “this code.”

B. Section 305.4.1, Sewer depth, amend to read in its entirety as follows:

305.4.1 Sewer depth. Building sewers that connect to private sewage disposal systems shall be permitted, inspected and approved by the ~~Tri-County~~ DOUGLAS COUNTY Health Department.

- C. Table 403.1, Minimum number of Required Plumbing Fixtures, is amended as FOLLOWS:

Table 403.1 Minimum Number of Required Plumbing Fixtures. Add footnote “e” to both Drinking Fountain and Other columns (service sinks) and amend it to read as follows:

- e. See modifications per Section 104.10, International Building Code.

- D. Section 904.1, Roof extension, is amended to read in its entirety as FOLLOWS:

904.1 Roof extension. All open vent pipes that extend through a roof shall be terminated at least 12 inches above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least seven (7) feet above the roof.

- E. TABLE E103.3(2), ENTITLED “LOAD VALUES ASSIGNED TO FIXTURES^A,” AND TABLE E103.3(3), ENTITLED “TABLE FOR ESTIMATING DEMAND,” ARE REPLACED WITH THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS WATER DEMAND CALCULATOR FOR PURPOSES OF PERFORMING RESIDENTIAL WATER CALCULATIONS ONLY. TABLE E103.3(2) AND TABLE E103.3(3) SHALL CONTINUE TO BE UTILIZED FOR ALL OTHER PURPOSES, INCLUDING BUT NOT NECESSARILY LIMITED TO PERFORMING COMMERCIAL WATER CALCULATIONS.

Section 2. Severability. If any part or provision of this Ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of this Ordinance which can be given effect without the invalid provisions or application, and to this end the provisions of this Ordinance are declared to be severable.

Section 3. Safety Clause. The Town Council finds and declares that this Ordinance is promulgated and adopted for the public health, safety and welfare and this Ordinance bears a rational relation to the legislative object sought to be obtained.

APPROVED ON FIRST READING this 3rd day of September, 2024, by a vote of ___ for and ___ against, after publication in compliance with Section 2.02.100.C of the Castle Rock Municipal Code; and

PASSED, APPROVED AND ADOPTED ON SECOND AND FINAL READING this ___ day of _____, 2024, by the Town Council of the Town of Castle Rock by a vote of ___ for and ___ against.

ATTEST:

Lisa Anderson, Town Clerk

Approved as to form:

Michael J. Hyman, Town Attorney

TOWN OF CASTLE ROCK

Jason Gray, Mayor

Approved as to content:

Mark Marlowe, Director of Castle Rock Water