

**ORDINANCE NO. 20-20**

**ORDINANCE AMENDING CHAPTER 156 PLUMBING CODE, OF THE MUNICIPAL CODE OF THE CITY OF NORWALK, IOWA, BY ADOPTING THE 2018 INTERNATIONAL PLUMBING CODE WITH AMENDMENTS**

WHEREAS, the City Council of the City of Norwalk, Iowa desires to continue to protect life, safety and property through the adoption and enforcement of construction codes, and to establish the minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of plumbing equipment and systems; and

WHEREAS, the Council now deems it appropriate to revise the Code of Ordinances by adopting the latest edition of the International Plumbing Code;

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF NORWALK, IOWA:**

1. That Chapter 156 of the Code of Ordinances for the City of Norwalk, Iowa, the Plumbing Regulations be repealed and there be enacted in lieu thereof the following Chapter:

**CHAPTER 156 PLUMBING CODE**

<b>Section Number</b>	<b>Title</b>	<b>IMC Section</b>
156.01	Short Title	
156.02	Adoption of Plumbing Code	
156.03	Amendments, Modifications, Additions and Deletions	
156.04	Deletions	
156.05	Referenced Codes - Conflicts	
156.06	Title	101.1
156.07	Uniform/State Plumbing Code	105.2.2, 105.2.3 exc. 1
156.08	Permit Acquisition	106.1.3
156.09	Existing CSST - Bonding Required	106.1.4
156.10	Exempt Work	106.2
156.11	Expiration	106.5.3
156.12	Retention of Construction Documents	106.5.6
156.13	Fee Schedule	106.6.2
156.14	Fee Refunds	106.6.3
156.15	Violation Penalties	108.4
156.16	Stop Work Order	108.5
156.17	Freezing	305.4

<b>156.18</b>	<b>Sewer Depth</b>	<b>305.4.1</b>
<b>156.19</b>	<b>Thermoplastic Pipe Bedding</b>	<b>306.2.4</b>
<b>156.20</b>	<b>Drainage and Vent Air Test</b>	<b>312.3</b>
<b>156.21</b>	<b>Table 403.1, footnote 'e'</b>	<b>T403.1</b>
<b>156.22</b>	<b>Small Occupancies</b>	<b>410.2</b>
<b>156.23</b>	<b>Location of Floor Drains</b>	<b>413.2.1</b>
<b>156.24</b>	<b>Water Service Pipe (underground copper)</b>	<b>605.3</b>
<b>156.25</b>	<b>Hot Water Temperature Limiting Devices (location)</b>	<b>607.1</b>
<b>156.26</b>	<b>Building Sewer &amp; Building Drain (minimum size)</b>	<b>703.7</b>
<b>156.27</b>	<b>Backwater Valves (exception)</b>	<b>714.1</b>
<b>156.28</b>	<b>Basement Floor Drain Venting (exception)</b>	<b>901.2.1</b>
<b>156.29</b>	<b>Roof Extension (vent)</b>	<b>903.1</b>
<b>156.30</b>	<b>Grease Interceptors</b>	<b>1003.3</b>

**156.01 SHORT TITLE.** This Chapter shall be known as the Norwalk Plumbing Code, and may be cited as such, and may be referred to herein as this Chapter.

**156.02 ADOPTION OF PLUMBING CODE.** Pursuant to published notice as required by law, the International Plumbing Code, 2018 Edition, published by the International Code Council, Inc., is adopted in full except for such portions as may be hereinafter deleted, modified or amended.

**156.03 AMENDMENTS, MODIFICATIONS, ADDITIONS AND DELETIONS.** The International Plumbing Code, 2018 Edition (hereinafter known as the IPC), is amended as hereinafter set out in Sections 156.04 through 156.30.

**157.04 DELETIONS.** The following are deleted from the IPC are of no force or effect in this chapter:

Section 106.1.3 Annual Permit  
Section 106.1.4 Annual Permits Record  
Section 106.5.4 Extensions  
Section 109 Means of Appeal  
Section 703.6 Combined Sanitary and Storm Public Sewer

**156.05 REFERENCED CODES - CONFLICTS.** In the event requirements of this code conflict with applicable State and/or Federal requirements, the more stringent shall apply.

**156.06 SECTION 101.1 - AMENDED - TITLE.** Section 101.1, Title, of the IPC, is hereby deleted and there is enacted in lieu thereof the following Section.

Section 101.1 Title. These regulations shall be known as the Norwalk Plumbing Code hereinafter known as "the Code".

**156.07 SECTION 105.2 - ADDITION - ALTERNATIVE MATERIALS, DESIGN AND METHODS OF CONSTRUCTION AND EQUIPMENT.** Section 105.2, Alternative Materials, Design and Methods of Construction and Equipment, of the IPC, is hereby amended by adding the following sections 105.2.2 and 105.2.3:

Section 105.2.2 Uniform Plumbing Code, As Currently Adopted Edition. The Uniform Plumbing Code, as prepared and edited by the International Association of Plumbing and Mechanical Officials, as currently adopted and amended by the Plumbing and Mechanical Systems Board, Iowa Department of Public Health, is hereby approved as an alternate equivalent method for design and installation of complete plumbing systems.

Section 105.2.3 Uniform Plumbing Code, As Currently Adopted Edition - Administration  
Exception 1. Administrative regulations shall be as prescribed in the International Plumbing Code, 2018 Edition, or as amended in this ordinance.

**156.08 SECTION 106.1.3 - ADDITION - PERMIT ACQUISITION.** Section 106.1.3, Permit Acquisition, of the IPC, is hereby established by adding the following:

Section 106.1.3 Permit Acquisition.

1. Permits are not transferable. Plumbing work performed under the provisions of this chapter must be done by a contractor meeting the licensing provisions as set forth by the State of Iowa Plumbing and Mechanical Systems Board in accordance with Iowa Code Chapter 105. A plumber licensed by the State of Iowa Plumbing and Mechanical Systems Board as a "Master" may sign and obtain a permit for the contractor for which they are employed only when said responsible person or "Master" has provided proof of employment or written confirmation by said licensed contractor. Any permit required by the provisions of this code may be revoked by the Code Official upon the violation of any provision of this code.
2. A State of Iowa licensed Plumber contractor shall be allowed only to secure permits for himself or herself, or for a single firm or corporation. When a State of Iowa licensed Plumbing contractor has secured such a permit, only the employees of such contractor when meeting the provisions of Iowa Code Chapter 105 shall perform the work for which the permit was obtained.
3. For purposes of this section, an "employee" shall be one employed by the contractor, firm or corporation for a wage or salary. A contractor may be required by the Code Official to show positive evidence as to the employee status of workers on the job. Such evidence shall be in the form of payroll and time records, canceled checks, or other such documents.
4. The contractor may also be required to show the agreement or contract pertaining to the work being questioned as evidence that said contractor is, in fact, the actual contractor for such work. Failure or refusal by the contractor to make available such

employee or contractual records within 24 hours from demand therefore shall be grounds for immediate revocation of any permit for the work in question.

5. Homeowners (owner/occupants) qualifying for the homestead tax exemption may acquire permits for their principal residence (not an apartment, rental unit or rental building) and appurtenant accessory structures for plumbing work, not to include connection within the public right-of-way to the public main sewer, water and storm lines, after having Norwalk Plumbing Homeowner's exam.

**156.09 SECTION 106.1.4 - ADDITION - EXISTING CSST - BONDING REQUIRED.** Section 106.1.4, Existing CSST - Bonding Required, of the IPC, is hereby established by adding the following section:

Section 106.1.4 Existing CSST - Bonding Required. Where alterations, repairs or additions requiring a permit occur, CSST shall be bonded in accordance with 310.2.1 through 310.2.5 of the Norwalk Fuel Gas Code, unless deemed technically infeasible by the Code Official.

**156.10 SECTION 106.2 - ADDITION - EXEMPT WORK.** Section 106.2, Exempt Work, of the IPC, is hereby amended by adding the following sentence to item #2.

Section 106.2 Exempt Work. Replacement of an existing tub with a shower, with a shower head and/or body spray total flow rated at no more than 5.7 gpm.

**156.11 SECTION 106.5.3 - AMENDED - EXPIRATION.** Section 106.5.3, Expiration, of the IPC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 106.5.3 Twelve Month Expiration. Every permit issued under the provisions of this Code shall expire twelve months from the date of issue, unless the application is accompanied by a construction schedule, with approval of the Code Official. If the work has not been completed by the expiration date of the permit, no further work shall be done until the permit shall have been renewed by the owner or his/her agent and by payment of the renewal fee as established by the City Council, and provided no changes have been made in plans or location. Upon approval, permits may be extended for no more than two periods not exceeding 180 days each.

**156.12 SECTION 106.5.6 - AMENDED - RETENTION OF CONSTRUCTION DOCUMENTS.** Section 106.5.6, Retention of Construction Documents, of the IPC, is hereby amended by deleting the last paragraph of said section.

**156.13 SECTION 106.6.2 - AMENDED - FEE SCHEDULE.** Section 106.6.2, Fee Schedule, of the IPC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 106.6.2 Fee Schedule. Permits shall not be issued until the fees, as set forth and established in Chapter 177 of this Code of Ordinances, have been paid to the City of Norwalk.

An amended permit or a supplemental permit for additional construction shall not be issued until the permit fee(s) for the additional work has been paid.

**156.14 SECTION 106.6.3 - AMENDED - FEE REFUNDS.** Section 106.6.3, Fee Refunds, of the IPC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 106.6.3 Fee Refunds. In the event a construction project is amended subsequent to the issuance of a permit, which amendment would result in a lower permit fee had the final amended project been originally permitted, the City shall issue a refund of the permit fee pursuant to the following guidelines:

1. The request for refund is made by the holder of the permit in writing to the Code Official within ninety days of the issuance of the permit.
2. No work on the project, for which the permit was issued, has commenced.
3. The refunded amount will not exceed eighty percent of the original cost of the permit.

**156.15 SECTION 108.4 - AMENDED - VIOLATION PENALTIES.** Section 108.4, Violation Penalties, of the IPC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 108.4 Violation Penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, installs, alters or repairs plumbing work in violation of the approved construction documents or directive of the Code Official, or of a permit issued under the provisions of this code, shall be subject to a Municipal Infraction as prescribed by Chapter 4 of this Code of Ordinances.

**156.16 SECTION 108.5 - AMENDED - STOP WORK ORDER.** Section 108.5, Stop Work Order, of the IPC, is hereby amended by deleting the last sentence of said section and inserting in lieu thereof the following:

Any person who shall continue any work on the system after having been served with 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 a Municipal Infraction as prescribed by Chapter 4 of this Code of Ordinances.

**156.17 SECTION 305.4 - AMENDED - FREEZING.** Section 305.4, Freezing, of the IPC, is hereby amended by deleting the last sentence of said section and inserting in lieu thereof the following:

Section 305.4 Freezing. Exterior water supply system piping shall be installed not less than sixty inches below grade.

**156.18 SECTION 305.4.1 - AMENDED - SEWER DEPTH.** Section 305.4.1, Sewer Depth, of the IPC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 305.4.1 Sewer Depth. Building sewers shall be a minimum of forty-eight inches below grade.

**156.19 SECTION 306.2.4 - ADDITION - INSTALLATION OF THERMOPLASTIC PIPE AND FITTINGS.**

Section 306.2.4, Installation of Thermoplastic Pipe and Fittings, of the IPC, is hereby established by adding the following:

Section 306.2.4 Installation of Thermoplastic Pipe and Fittings. Trench width for thermoplastic pipe shall be limited to six times the outside diameter of the piping at the base. Thermoplastic piping shall be bedded in not less than four inches of aggregate bedding material supporting the pipe. Initial backfill shall encompass the pipe. Aggregate material shall be three-eighths inch pea gravel and one inch clean, class one bedding.

**156.20 SECTION 312.3 - AMENDED - DRAINAGE AND VENT AIR TEST.** Section 312.3, Drainage and Air Vent Test, of the IPC, is hereby amended by deleting the first sentence thereto.

Section 312.3 Drainage and Vent Air Test. ~~Plastic piping shall not be tested using air.~~

**156.21 TABLE 403.1 - AMENDED - MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES.**

Table 403.1, Minimum Number of Required Plumbing Fixtures, of the IPC, is hereby amended by deleting footnote 'e' and inserting in lieu thereof the following:

Footnote 'e'. For business occupancies with an occupant load of not more than thirty, and mercantile occupancies with an occupant load of not more than one hundred, service sinks shall not be required.

**156.22 SECTION 410.2 - AMENDED - SMALL OCCUPANCIES.** Section 410.2, Small Occupancies, of the IPC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 410.2 Small Occupancies. Water dispensers in accessible locations and within accessible reach ranges may be substituted for the initial drinking fountains in business occupancies with an occupant load of not more than thirty, and mercantile occupancies with an occupant load of not more than one hundred. (re: IBC Chapter 11, T2902.1)

**156.23 SECTION 413.2 - ADDITION - FLOOR DRAINS.** Section 413.2, Floor Drains, of the IPC, is hereby amended by adding the following subsection:

Section 413.2.1 Location of Floor Drains. Floor drains shall be installed in the following rooms, spaces or areas:

1. Toilet rooms containing two or more water closets or a combination of one water closet and one urinal, except in a dwelling unit.
2. Commercial kitchens.
3. Water heater rooms, boiler rooms and mechanical rooms.

4. Rooms containing water meters.

**156.24 SECTION 605.3 - ADDITION - WATER SERVICE PIPE.** Section 605.3, Water Service Pipe, of the IPC, is hereby amended by adding the following sentence:

Section 605.3 Underground Copper. Copper tube for underground piping shall have a weight of not less than type K.

**156.25 SECTION 607.1 - ADDITION - WHERE REQUIRED.** Section 607.1, Where Required, of the IPC, is hereby amended by adding the following sentence:

Section 607.1 Where Required. Hot water temperature limiting devices shall be installed at, or as close as possible, to the point of use.

**156.26 SECTION 703 - ADDITION - BUILDING SEWER AND BUILDING DRAIN.** Section 703, Building Sewer, of the IPC, is hereby amended by adding the following section:

Section 703.7 Minimum Building Sewer and Building Drain Size. The minimum diameter for a building sewer shall be four inches.

**156.27 SECTION 714.1 - ADDITION - BACKWATER VALVES.** Section 714.1, Sewage Backflow, of the IPC, is hereby amended by adding the following:

Section 714.1 Sewage Backflow Exception 2. The requirements of this section shall apply when determined necessary by the Code Official based on local conditions as determined by the Norwalk Public Works Department or City Engineer.

**156.28 SECTION 901.2.1 - ADDITION - VENTING REQUIRED.** Section 901.2.1, Venting Required, of the IPC, is hereby amended by adding the following exception:

Section 901.2.1 Venting Required Exception 1. A vent is not required on a three inch basement floor drain provided its drain branches into the building drain on the sewer side at a distance of five feet or more from the base of the stack and the branch line to such floor drain is not more than twelve feet in length.

**156.29 SECTION 903.1 - AMENDED - ROOF EXTENSION.** Section 903.1, Roof Extension, of the IPC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 903.1 Roof Extension. Open vent pipes that extend through a roof shall be terminated not less than six inches above the roof nor less than twelve inches from any vertical surface. Where a roof is to be used for assembly or as a promenade, observation deck, sunbathing deck or similar purposes, open vent pipes shall terminate not less than seven feet above the roof.

**156.30 SECTION 1003.3 - AMENDED - GREASE INTERCEPTORS.** Section 1003.3, Grease Interceptors, of the IPC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 1003.3 Grease Interceptors. Grease interceptors shall comply with the requirements of the adopted Norwalk Ordinance Chapter 103. Underground plumbing systems and interceptor sizing shall be approved by the City of Des Moines Wastewater Reclamation Authority (WRA).

2. Repealer. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

3. Effective Date. This ordinance shall be in full force and effect upon final passage, approval and publication as required by law.

Passed and approved by the City Council of the City of Norwalk, Iowa on the 21st day of May, 2020.

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Tom Phillips, Mayor

Attest:

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Lindsey Offenburger, City Clerk

First Reading: May 7, 2020

Second Reading: May 21, 2020

Third Reading: May 21, 2020

Clerk's Certificate

I certify that the foregoing was published as Ordinance No. 20-20 on the 28th day of May, 2020.



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City Clerk