2021 IPC AMENDMENTS – CHAPTER 1

******Table of Contents, Chapter 7, Section 713; amend to read as follows:***

713 Engineered ~~Computerized~~ Drainage Design

*****Section 101.1; amend to read as follows:***

101.1 Title. These regulations shall be known as the *Plumbing Code* of the City of Carrollton, hereinafter referred to as "this code."

******Section 102.8; amend to read as follows:***

102.8 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 15 and such codes, when specifically adopted, and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference. Where the differences occur between provisions of this code and the referenced standards, the provisions of this code shall be the minimum requirements. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the adopted amendments. Any reference to NFPA 70 shall mean the National Electrical Code as adopted.

*****Sections 103 and 103.1; amend to read as follows:***

SECTION 103
BUILDING INSPECTION

103.1 Creation of agency. The Building Inspection Division of the Development Services Department is hereby created and the official in charge thereof shall be known as the *building official*. *[Remainder unchanged]*

******Section 305.1; amend to read as follows:***

305.1 Protection against contact. Metallic piping, except for cast iron, ductile iron and galvanized steel, shall not be placed in direct contact with steel framing members, concrete or cinder walls and floors or other masonry. Metallic piping shall not be placed in direct contact with corrosive soil. Where sheathing is used to prevent direct contact, the sheathing shall have a thickness of not less than 0.008 inch (8 mil) (0.203 mm) and the sheathing shall be made of approved material ~~plastic~~. Where sheathing protects piping that penetrates concrete or masonry walls or floors, the sheathing shall be installed in a manner that allows movement of the piping within the sheathing.

*****Section 305.4.1; amend to read as follows:***

305.4.1 Sewer depth. ~~Building sewers that connect to private sewage disposal systems shall be a minimum of [number] inches (mm) below finished grade at the point of septic tank connection.~~ Building sewers shall be a minimum of 12 inches (304 mm) below grade.

******Section 306.2.4; add to read as follows:***

306.2.4 Plastic sewer and DWV piping installation. Plastic sewer and DWV piping installed underground shall be installed in accordance with the manufacturer's installation instructions. Trench width shall be controlled to not exceed the outside the pipe diameter plus 16 inches or in a trench which has a controlled width equal to the nominal diameter of the diameter of the piping multiplied by 1.25 plus 12 inches. The piping shall be bedded in 4 inches of granular fill and then backfilled compacting the side fill in 6-inch layers on each side of the piping. The compaction shall be to minimum of 85 percent standard proctor density and extend to a minimum of 6 inches above the top of the pipe.

2021 IPC AMENDMENTS – CHAPTER 4

Section 403.2; delete Exception 6.

Section 413.4; amend to read as follows:

413.4 Required location for floor drains ~~Public laundries and central washing facilities.~~ Floor drains shall be installed in the following areas:

1. In public laundries and in the central washing facilities of multiple family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have a minimum outlet of not less than 3 inches (76 mm) in diameter.
2. Commercial kitchens. In lieu of floor drains in commercial kitchens, the Code Official may accept floor sinks.
3. Public restrooms.

2021 IPC AMENDMENTS – CHAPTER 6

Section 608.17.5; amend to read as follows:

608.17.5 Connections to lawn irrigation systems. The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure-type vacuum breaker, a double-check assembly or a reduced pressure principal backflow preventer. A valve shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principal backflow preventer.

2021 IPC AMENDMENTS – CHAPTER 7

Section 703.6; delete.

Section 704.5; add to read as follows:

704.5 Single stack fittings. Single stack fittings with internal baffle, PVC schedule 40 or cast-iron single stack shall be designed by a registered engineer and comply to a national recognized standard.

**** Section 712.4.3; add to read as follows:***

712.4.3 Dual Pump System. All sumps shall be automatically discharged and, when in any "public use" occupancy where the sump serves more than 10 fixture units, shall be provided with dual pumps or ejectors arranged to function independently in case of overload or mechanical failure. For storm drainage sumps and pumping systems, see Section 1113.

Sections 713 and 713.1; amend to read as follows:

SECTION 713
ENGINEERED ~~COMPUTERIZED~~ DRAINAGE DESIGN

713.1 Design of drainage system. The sizing, design and layout of the drainage system shall be ~~permitted to be~~ designed by a registered engineer using *approved* ~~computer~~ design methods.

2021 IPC AMENDMENTS – CHAPTER 9

****Section 903.1.1; amend to read as follows:***

903.1.1 Roof extension unprotected. Open vent pipes that extend through a roof shall terminate not less than six (6) inches (152 mm) above the roof. ~~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 7 feet (2134 mm) above the roof.~~

2021 IPC AMENDMENTS – CHAPTER 11

Section 1109; delete.

2021 IPC AMENDMENTS – CHAPTER 12

****Section 1202.1; delete Exceptions 1 and 2.***

END OF IPC AMENDMENTS