

ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 2009 EDITION OF THE INTERNATIONAL PLUMBING CODE AND AMENDING TITLE 18 (BUILDING AND CONSTRUCTION), CHAPTER 18.20 (PLUMBING CODE), OF THE EL PASO CITY CODE, TO PROVIDE FOR LOCAL AMENDMENTS TO THE 2009 INTERNATIONAL PLUMBING CODE, THE PENALTY BEING AS PROVIDED IN SECTION 18.02.107 (VIOLATIONS AND PENALTIES) OF THE EL PASO CITY CODE.

WHEREAS, the 2009 edition of the International Plumbing Code has been published and adoption of the 2009 edition of the International Plumbing Code is now proposed; and

WHEREAS, the Development Services Department Director and the Planning and Development Legislative Review Committee have reviewed and favorably recommend the adoption of the 2009 International Plumbing Code together with the local amendments appropriate for the City of El Paso; and

WHEREAS, the City Council has deemed the proposed local amendments appropriate for the City of El Paso.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

A. That the book entitled “International Plumbing Code,” 2009 Edition, a copy of which authenticated by the City Clerk is on file in the City Clerk’s Office, is hereby adopted by the City Council for the City of El Paso.

B. That Title 18 (Building and Construction), Chapter 18.20 (Plumbing Code), of the El Paso City Code, containing the local amendments to the 2009 International Plumbing Code, shall be and is hereby amended in its entirety to read as follows:

Chapter 18.20 PLUMBING CODE*

18.20.010 Short title.

18.20.020 International Plumbing Code Adopted.

18.20.030 Section 312.10.3 Backflow Inspection Records, added.

18.20.040 Section 403.3 Required public toilet facilities, exception added.

18.20.050 Section 412.5 Floor drains in mechanical rooms and boiler rooms, added.

18.20.060 Section 417.5.3 Shower receptor, sections added.

18.20.070 Section 604.8.3 Accessibility of water-pressure reducing valve or regulator, added.

18.20.080 Table 605.3 Water service pipe, amended.

18.20.090 Table 605.4 Water distribution pipe, amended.

18.20.100 Section 605.4 Water distribution pipe, amended.

18.20.110 Section 608.16.5 Connections to lawn irrigation systems, amended.

18.20.120 Section 701.2 Sewer required, amended.

18.20.130 Table 702.3 Underground building drainage and vent pipe, amended.

18.20.140 Table 702.3 Building sewer pipe, amended.

- 18.20.150 Section 705.3 Asbestos cement, deleted.
- 18.20.160 Section 708.3.5 Building drain and building sewer junction, amended.
- 18.20.170 Section 802.1.9 Condensate and Evaporative Cooler Waste, sections added.
- 18.20.180 Section 1003.2.1 Water jacketed grease traps, added.
- 18.20.190 Table 1003.3.4.1 Capacity of grease interceptors, amended.
- 18.20.200 Section 1003.5 Sand interceptors in commercial establishments, amended.
- 18.20.210 Appendix C, Gray Water Recycling Systems, adopted.
- 18.20.220 Appendices.
- 18.20.230 Conflicting ordinances.

* Prior history: Prior code §§ 6-60--6-63 and Ords. 8716, 8741, 8823, 8913, 8933, 9087, 9219, 9431, 9449, 9589, 9612, 9843, 9994, 10502, 10794, 11189, 11633, 12816, 13152 and 14730.

18.20.010 Short title.

This chapter may be cited as the “Plumbing Code.”

18.20.20 Adoption.

The book entitled “International Plumbing Code,” 2009 Edition, a copy of which authenticated by the City Clerk is on file in the City Clerk’s Office, is adopted as the Plumbing Code of the City, as fully as if copied at length in this chapter, but with the changes set forth in this chapter and Chapter 18.02, the Building and Administrative Code of the City of El Paso.

18.20.030 Section 312.10.3 Backflow Inspection Records, added.

International Plumbing Code, 2009 Edition, Section 312.10.3 Backflow Inspection Records, is hereby added to read as follows:

312.10.3 Backflow Inspection Records.

Records of inspections, tests and maintenance of the backflow assemblies shall be kept and made available to the building official upon request and to the El Paso Water Utilities in accordance with the rules and regulations of the Public Service Board. Records shall indicate the procedure performed (inspection, test or maintenance), the organization that performed the work, the results and the date. Records shall be maintained by the owner, tenant or responsible person.

18.20.040 Section 403.3 Required public toilet facilities, exception added.

International Plumbing Code, 2009 Edition, Section 403.3 Required public toilet facilities, is hereby amended to add the following exception at the end of the section:

Exception: Small tenancies and areas located in stand-alone buildings or tenancies. Customers, patrons, visitors and employees need not be provided with public toilet facilities in small tenancies located in stand-alone buildings, structures or facilities when all of the following conditions are met:

1. The gross floor area of the tenancy does not exceed 200 square feet; and
2. The building, or structure is not used for the preparation, storage handling and sale of potentially hazardous food as defined in the Texas Food Establishment Rules of the Texas Department of State Health Services; and

3. Toilet facilities are provided elsewhere on the same site within 200 lineal feet of travel distance from the exempted tenancy; and
4. The site is provided with the minimum number of facilities required by International Plumbing Code, 2009 Edition, Section 403 and Table 403.1, and the owner or tenant in control of the toilet facilities required in condition 3, shall furnish to the building official a written and notarized statement that customers, visitors, patrons and employees of the exempted tenancy will have access to and use of these facilities; and
5. Except for “outdoor markets” as defined in Title 9.12 of the City Code, building and structures used for the preparation, storage, handling and sale of food shall be connected to a water supply and provided with utensil and hand washing facilities as required by Title 9.12 of the City Code.

18.20.050 Section 412.5 Floor drains in mechanical rooms and boiler rooms, added.

International Plumbing Code, 2009 Edition, Section 412.5 Floor drains in mechanical rooms and boiler rooms is hereby added to read as follows:

412.5 Floor drains in mechanical rooms and boiler rooms.

Mechanical equipment rooms, boiler rooms and all similar equipment rooms shall have an approved floor drain for disposing of accumulation of liquid wastes incident to cleaning or recharging such equipment. Such floor drains shall be equipped with an approved automatic priming device as required in Section 1002.4.

18.20.060 Section 417.5.3 Shower receptor, added.

International Plumbing Code, 2009 Edition, Section 417.5.3 Shower Receptor, is hereby added to read as follows:

417.5.3 Shower Receptor.

Shower receptors shall have a finished curb, dam or threshold not less than one (1) inch below the sides and back of the receptor. The curb shall be not less than two (2) inches nor more than nine (9) inches in depth when measured from the top of the curb to the top of the drain. The finished floor shall slope uniformly toward the drain not less than one-fourth (1/4) inch per foot nor more than one-half (1/2) inch, and floor drains shall be flanged to provide a watertight joint in the floor.

417.5.3.1 Receptor Linings. All shower receptors shall be provided with an approved lining, except as noted herein. The adjoining walls and floors, enclosing field-constructed shower receptors shall be lined with copper or other approved materials listed in this Code, extending not less than three (3) inches beyond or around the rough jambs and not less than three (3) inches above finished thresholds. Recessed shower compartments need not be lined, provided the compartment is formed of concrete, is recessed a minimum of four (4) inches below the adjacent floor level, and the concrete is not less than three and one-half (3 1/2) inches thick with an ultimate compressive strength of not less than two thousand (2000) pounds per square inch.

417.5.3.2 Liner Materials.

Plasticized polyvinyl chloride (PVC) sheets shall be a minimum of 0.040 inch (1.02 mm) thick and shall meet the requirements of ASTM D4551. Non-plasticized chlorinated polyethylene

sheets shall be a minimum 0.040 inch (102 mm) thick, and shall meet the requirements of ASTM D 4068. Sheet copper shall conform to ASTM B 152 and shall not weigh less than 12 ounces per square foot. Copper linings shall be isolated from conducting substances other than the connecting drain by fifteen (15) pound asphalt felt or its equivalent. Joints in copper pans or liners shall be silver brazed. Joints in PVC and CPE liner materials shall be jointed per the manufacturer's recommendations.

417.5.3.3 Receptor Drains.

An approved flanged drain shall be installed with shower subpans or linings. The flange shall be flush with the sub-base and be equipped with a clamping ring or other device to make a water-tight connection between the lining and the drain. The flange shall have weep holes to insure constant drainage of water to sanitary drainage system. Shower receptacle waste outlets shall be not less than two (2) inches in diameter and shall have a removable strainer.

18.20.070 Section 604.8.3 Accessibility, added.

International Plumbing Code, 2009 Edition, Section 604.8.3 Accessibility, is hereby added to read as follows:

604.8.3 Accessibility.

Installation shall be such as to make the regulator accessible without excavating or removing permanent structural or finished portions of the structure.

18.20.080 Table 605.3 Water Service Pipe, amended.

International Plumbing Code, 2009 Edition, Table 605.3, Water Service Pipe, is hereby amended to delete all references to asbestos-cement pipe and polybutylene (PB) plastic pipe and tubing.

18.20.090 Table 605.4 Water Distribution Pipe, amended.

International Plumbing Code, 2009 Edition, Table 605.4, Water Distribution Pipe, is hereby amended to delete all references to polybutylene (PB) plastic pipe and tubing.

18.20.100 Section 605.4 Water Distribution Pipe, amended

International Plumbing Code, 2009 Edition, Section 605.4 Water distribution pipe, is hereby amended to read as follows:

605.4 Water distribution pipe.

Water distribution pipe shall conform to NSF 61 and shall conform to one of the standards listed in Table 605.5. Copper or copper alloy tubing used in inaccessible water distribution piping under slabs shall be minimum Type L. Any material subject to corrosion shall be protected when used in corrosive soils. All hot water distribution pipe and tubing shall have a minimum pressure rating of 100 psi at 180°F.

18.20.110 Section 608.16.5 Connections to lawn irrigation systems, amended.

International Plumbing Code, 2009 Edition, Section 608.16.5, Connections to lawn irrigation systems, is hereby amended to read as follows:

608.16.5 Connections to lawn irrigation systems.

The potable water supply to lawn irrigation systems shall be protected against backflow by a pressure-type vacuum breaker or a reduced pressure principle backflow-preventer. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow-preventer.

18.20.120 Section 701.2 Sewer required, amended.

International Plumbing Code, 2009 Edition, Section 701.2, Sewer required, is hereby amended to read as follows:

701.2 Sewer required.

Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer.

Exception: When a public sewer is not available within 300 feet of the building for use, an individual or private sewage disposal system may be utilized provided that such system is designed, installed and maintained in accordance with the requirements of Chapter 18.21 of the City Code.

18.20.130 Table 702.2 Underground building drainage and vent pipe, amended.

International Plumbing Code, 2009 Edition, Table 702.2, Underground building drainage and vent pipe, is hereby amended to delete all references to asbestos-cement pipe, cellular core pipe and composite wall pipe.

18.20.140 Table 702.3 Building Sewer Pipe, amended.

International Plumbing Code, 2009 Edition, Table 702.3, Building Sewer Pipe, is hereby amended to delete all references to asbestos-cement pipe, cellular core pipe and composite wall pipe.

18.20.150 Section 705.3, Asbestos cement, deleted.

International Plumbing Code, 2009 Edition, Section 705.3, Asbestos cement, is hereby deleted in its entirety.

18.20.160 Section 708.3.5 Building drain and building sewer junction, amended.

International Plumbing Code, 2009 Edition, Section 708.3.5, Building drain and building sewer junction, is hereby amended to read as follows:

708.3.5 Building drain and building sewer junction.

There shall be a cleanout near the junction of the building drain and the building sewer. The cleanout shall be outside the building and shall be brought up to the finished ground level within ten (10) feet of the structure. An approved two-way cleanout is allowed as an alternative at this location to serve as a required cleanout for both the building drain and building sewer.

18.20.170 Section 802.1.9 Condensate and Evaporative Cooler Waste, added.

International Plumbing Code, 2009 Edition, Section 802.1.9 Condensate and Evaporative Cooler Waste, is hereby added to read as follows:

802.1.9 Condensate and Evaporative Cooler Waste.

Waste from evaporative cooler’s automatic water draining systems and condensate from air conditioner units, when approved by the building official, shall discharge into the building drainage system through an indirect waste line, except such waste may be directly connected to a lavatory tailpiece or to an approved accessible inlet on a bath tub overflow when the connection is located in an area controlled by the same person or entity controlling the space served by the evaporative cooler or discharged so that the effluent is used for watering landscaping or other vegetation.

18.20.180 Section 1003.2.1 No water-jacketed grease trap, added.

International Plumbing Code, 2009 Edition, Section 1003.2.1 No water-jacketed grease trap, is hereby added to read as follows:

1003.2.1 No water-jacketed grease trap.

No water-jacketed grease trap or grease interceptor shall be approved or installed.

18.20.190 Table 1003.3.4.1 Capacity of Grease Interceptors, amended.

International Plumbing Code, 2009 Edition, Table 1003.3.4.1 Capacity of Grease Interceptors, is hereby amended to read as follows:

Table 1003.3.4.1
Capacity of Grease Traps

TABLE INSET:

Total Flow-Through Rating (gpm)	Grease-Retention Capacity (pounds)
20 or less	40
25	50
35	70
50	100

18.20.200 Section 1003.5 Sand interceptors in commercial establishments, amended.

International Plumbing Code, 2009 Edition, Section 1003.5 Sand interceptors in commercial establishments, is hereby amended to read as follows:

1003.5 Sand Interceptors in Commercial Establishments.

Sand and similar Interceptors or traps for heavy solids shall have a water seal of not less than six (6) inches. Traps shall have a minimum of two compartments. Each compartment shall be a minimum of 30 inches by 30 inches with a minimum depth of three (3) feet, covered with a removable grating that will allow the free entrance of waste. Trap walls and bottom shall be of concrete made watertight.

Exception: Sand traps are not required in commercial facilities containing less than 4 washing machines.

1003.5.1. Waste Line shall be a minimum of four (4) inches for uses other than residential swimming pools in which case the waste line may be three (3) inches. Outlet pipe shall leave the trap at a point not less than six (6) inches nor more than twelve (12) inches above the bottom and must rise vertically outside to the top of the trap where a properly sized cleanout shall be provided and formed by an inverted wye (y) so installed that the point of intersection of the wye (y) branches shall form the seal. Such seal shall be no less than twelve (12) inches in depth.

1003.5.2. Sand Traps installed within thirty (30) feet from a 3 or 4 inch stack shall have a two (2) inch vent; sand traps installed over thirty (30) feet from a 3 or 4 inch stack shall have a three (3) inch vent.

18.20.210 Appendix C, Gray Water Recycling Systems, adopted.

International Plumbing Code, 2009 Edition, Appendix C, Gray Water Recycling Systems, is hereby adopted in its entirety.

18.20.220 Appendices.

International Plumbing Code, 2009 Edition, Appendices, unless specifically adopted or referenced, are retained as administrative guidance aids.

18.20.230 Conflicting ordinances.

All ordinances and parts of ordinances in conflict with the provisions of this chapter are hereby repealed as follows: Ordinance No. 014730 dated 12-12-2000 and Ordinance No. 15966 dated 12-14-2004.

C. All references to the NEC, National Electrical Code, shall be construed to mean the Electrical Code of the City of El Paso.

D. The effective date of this ordinance shall be September 1, 2010. This ordinance shall be applicable to all permit applications received on or after that date.

E. Except as herein provided, Title 18 (Building and Construction) shall remain in full force and effect.

(Signatures follow on next page)

PASSED AND APPROVED this _____ day of _____, 2010.

THE CITY OF EL PASO

ATTEST:

John F. Cook
Mayor

Richarda Duffy Momsen
City Clerk

APPROVED AS TO FORM:

APPROVED AS TO CONTENT:

Cynthia Osborn
Assistant City Attorney

Patricia D. Aauto
Deputy City Manager
Development & Infrastructure Services