

CITY OF EL PASO, TEXAS
AGENDA ITEM DEPARTMENT HEAD'S SUMMARY FORM

DEPARTMENT: Engineering and Construction Management Department

AGENDA DATE: Introduction on September 14, 2010; Public hearing on September 21, 2010

CONTACT PERSON/PHONE: R. Alan Shubert, P.E. - ext. 4423

DISTRICT(S) AFFECTED: Citywide

SUBJECT:

Discussion and action on the following code changes to Titles, 9 (Health & Safety), and 18 (Building & Construction) of the City Code, as follows:

- a) An Ordinance amending Title 18 (Building & Construction), Chapter 18.02 (Building and Construction administrative Code, Sections 18/02.103.1.1.6 (Prerequisite to Issuance of Permits), and 18/02.103.9.1.2.1 (Prerequisite to Issuance of Certificate of Occupancy) of the El Paso City Code to Amend the Requirements for Issuance of Conditional Building Permits and Certificates of Occupancy for Lots with Conditional Building Permits.
- b) An Ordinance amending Title 18 (Building & Construction), Chapter 18.02 (Building and Construction Administrative Code) of the El Paso City Code, by repealing Chapter 18.02 in its entirety and adopting a new Chapter 18.02 in its place.
- c) An Ordinance adopting the 2009 Edition of the International Building Code and amending Title 18 (Building & Construction), Chapter 18.08 (Building Code) of the El Paso City Code to provide for local amendments.
- d) An Ordinance adopting the 2009 Edition of the International Residential Code and amending Title 18 (Building & Construction), Chapter 18.10 (Residential Code) of the El Paso City Code to provide for local amendments.
- e) An Ordinance adopting the 2009 Edition of the International Mechanical Code and amending Title 18 (Building & Construction), Chapter 18.12 (Mechanical Code) of the El Paso City Code to provide for local amendments.
- f) An Ordinance adopting the 2008 Edition of the National Electrical Code and amending Title 18 (Building & Construction), Chapter 18.16 (Electrical Code) of the El Paso City Code to provide for local amendments.
- g) An Ordinance adopting the 2009 Edition of the International Plumbing Code and amending Title 18 (Building & Construction), Chapter 18.20 (Plumbing Code) of the El Paso City Code to provide for local amendments.
- h) An Ordinance adopting the 2009 Edition of the International Fuel Gas Code and amending Title 18 (Building & Construction), Chapter 18.24 (Gas Code) of the El Paso City Code to provide for local amendments.
- i) An Ordinance adopting the 2009 Edition of the International Existing Building Code and amending Title 18 (Building & Construction), Chapter 18.28 (Existing Building Code) of the El Paso City Code to provide for local amendments.
- j) An Ordinance amending Title 18 (Building and Construction), Chapter 18.46 (Landscape), of the El Paso City Code, to provide additional definitions, clarify the landscape requirements for parking lots, lower the percentage of plants required from the plant list, and add an exemption to the landscape requirements.
- k) An Ordinance adopting the 2009 Edition of the International Energy Conservation Code and amending Title 18 (Building & Construction), to add Chapter 18.70 (Energy Conservation Code) to the El Paso City Code and providing for local amendments.
- l) An Ordinance adopting the 2009 Edition of the International Fire Code and amending Title 9 (Health & Safety), Chapter 9.52 (Fire Prevention Code) of the El Paso City Code to provide for local amendments.

BACKGROUND / DISCUSSION:

The International Code Council has published the 2009 version of the International Code Family and local public input and industry input has been taken to assure that the current version of the codes are amended and adopted as appropriate for the City Of El Paso. These codes are normally revised on a three year cycle, and adoption is key to stay abreast of modern developments in building safety and to be consistent with adoption by the State of Texas of certain codes.

An additional amendment was made after introduction of the ordinance to item b, adding language in 18.02.103.2.3 (Design Professional) defining the sections in the Texas Occupations Code, sections 1001 (Engineers) and 1051 (Architects) that are applicable and govern these professions and adding language in 18.02.109.2.5 (Plan Review Options Available to the Applicant) regarding the fee reductions in place for the Tax Increment Financing Zone No. 5 and any neighborhood empowerment zone, which may be designated by resolution of the City Council.

PRIOR COUNCIL ACTION:

The City Council on July 20, 2010 heard the findings of the Planning and Development Legislative Review Committee, and directed staff to go forward with the 2009 International Building Codes, perform additional industry outreach and to bring the codes back for Council consideration in 90 days.

AMOUNT AND SOURCE OF FUNDING:

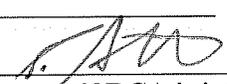
No funding required for execution of this item.

BOARD / COMMISSION ACTION:

N/A

*******REQUIRED AUTHORIZATION*******

LEGAL: (if required) _____ **FINANCE:** (if required) _____

DEPARTMENT HEAD: _____
(Example:  if RCA is initiated by Purchasing, client department should sign also)
Information copy to appropriate Deputy City Manager

APPROVED FOR AGENDA:

CITY MANAGER: _____ **DATE:** _____

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 Building Official for the City of El Paso has reviewed and favorably recommends 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:

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 (1.02 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 watertight 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 January 1, 2011. 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.

PASSED AND APPROVED this _____ day of _____, 2010.

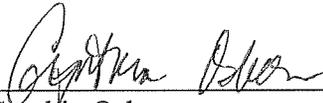
THE CITY OF EL PASO

John F. Cook
Mayor

ATTEST:

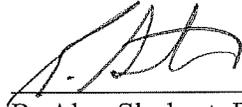
Richarda Duffy Momsen
City Clerk

APPROVED AS TO FORM:



Cynthia Osborn
Assistant City Attorney

APPROVED AS TO CONTENT:



R. Alan Shubert, P.E.
City Engineer

Title 18 BUILDING AND CONSTRUCTION

Chapter 18.20 PLUMBING CODE*

18.20.010 Short title.

18.20.020 International Plumbing Code adopted—~~Amendments.~~

~~18.20.030 Chapter 1—Administration—Deleted.~~

~~18.20.040 Chapter 18.02 adopted—Administrative code.~~

~~18.20.050 Section 202 amended—Definitions of terms.~~

~~18.20.060 Section 301.3 amended—Connections to drainage systems.~~

18.20.070 30 Section 312.9-10.3 added—Backflow inspection records, added.

18.20.080 40 Section 403.6 amended—Public facilities. **Required public toilet facilities, exception added**

~~18.20.090 Section 404 deleted—Accessible plumbing facilities.~~

18.20.100 050 Section 412.5 added—Floor drains in mechanical rooms and boiler rooms added.

18.20.110 ~~060~~ Section 417.5.2 3 amended—Shower receptor, sections added.

18.20.120 070 Section 604.8.3 added—Accessibility of water-pressure reducing valve or regulator, added.

18.20.130 080 Table 605.3—Water service pipe amended.

18.20.140 090 Table 605.4--Water distribution pipe amended.

18.20.150 100 Section 605.4 Water distribution pipe amended.

18.20.160 110 Section 608.16.5 Connections to lawn irrigation systems amended.

18.20.170 120 Section 701.2 Sewer required amended.

18.20.180 130 Table 702.2 Underground building drainage and vent pipe amended.

18.20.190 140 Table 702.3--Building sewer pipe amended.

18.20.200 150 Section 705.3 Asbestos cement deleted.

18.20.210 160 Section 708.3.5 Building drain and building sewer junction amended.

18.20.220 170 Section 802.1.8 Condensate and Evaporative cooler waste sections added.

~~18.20.230 180 Section 802.1.8 added—Evaporative coolers waste.~~

18.20.250 180 Section 1003.2.1 Water jacketed grease traps added.

18.20.260 190 Table 1003.3.4.1 Capacity of grease interceptors, amended.

18.20.270 200 Section 1003.5 Sand interceptors in commercial establishments amended.

18.20.280 210 Appendix C Gray water recycling systems, adopted.

18.20.290 220 Appendices.

18.20.300 230 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 El Paso Plumbing Code. (Ord. 15966 § A (part), 2004)

18.20.020 International Plumbing Code adopted—~~Amendments.~~

The book entitled “2003 9 International Plumbing Code,” copies of which, authenticated by the signature of ~~the mayor and the city clerk~~ **office** ~~and made a public record by~~

resolution of the city council, are 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. (Ord. 15966 § A (part), 2004)

~~18.20.030 Chapter 1—Administration—Deleted.~~

~~International Plumbing Code Chapter 1—Administration is hereby deleted. (Ord. 15966 § A (part), 2004) Rationale: 2009 IPC Code adoption includes this topic.~~

~~18.20.040 Chapter 18.02 adopted—Administrative code.~~

~~Chapter 18.02—Building and Construction Administrative Code of the Municipal Code shall serve as the administrative chapter for the plumbing building code. (Ord. 15966 § A (part), 2004) Rationale: 2009 IPC Code adoption includes this topic.~~

~~18.20.050 Section 202 amended—Definitions of terms.~~

~~Section 202, Definition of Terms, shall be and hereby is amended by amending and inserting in their proper alphabetical order the definitions of the following terms: Intereceptor—A multi-compartment device designed and installed so as to separate and retain for removal, by automatic or manual means, deleterious, hazardous or undesirable matter from normal wastes, while permitting normal sewage or wastes to discharge into the drainage system by gravity. (Ord. 15966 § A (part), 2004)~~

~~Rationale: 2009 IPC Code adoption includes all required definitions.~~

~~18.20.060 Section 301.3 amended—Connections to drainage systems.~~

~~Section 301.3—Connections to Drainage Systems, shall be and hereby is amended to read as follows:~~

~~301.3 Connections to drainage system.~~

~~All plumbing fixtures, drains, appurtenances and appliances used to receive or discharge liquid wastes or sewage shall be connected properly to the drainage system of the building or premises, in accordance with the requirements of this code. This section shall not be construed to prevent indirect waste systems provided for in Chapter 8 of the International Plumbing Code.~~

~~Exception: Bathtubs, showers, lavatories, clothes washers and laundry sinks shall not be required to discharge to the sanitary drainage system where such fixtures discharge to an approved gray water recycling system. Evaporative coolers automatic water draining systems may discharge to an approved gray water recycling system.~~

~~(Ord. 15966 § A (part), 2004) Rationale: 2009 IPC Code Section 301.3 is addressed in Appendix C..~~

18.20.070 30 Section 312.9 10.3 Backflow inspection records, added.

~~Section 312.9.3—Backflow Inspection Records, shall be and hereby is added to read as follows:~~

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

312.9 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 Building Services Department** upon request and to the El Paso Water Utilities in accordance with the rules and regulations of the Public Service 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.
(Ord. 15966 § A (part), 2004)

18.20.080 40 Section 403.6 3 Required Public toilet facilities, exception added.

~~Section 403.6 Public Facilities, shall be and hereby is amended to read as follows:~~

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:

~~403.6 Public Facilities.~~

~~Customers, patrons and visitors shall be provided with public toilet facilities in structures and tenant spaces intended for public utilization. Public toilet facilities shall be located not more than one story above or below the space required to be provided with public toilet facilities and the path of travel to such facilities shall not exceed a distance of 500 feet (152 m). Rationale: 2009 IPC Code adoption includes this topic.~~

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 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 Building Permits and Inspections Department Director** 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 Municipal 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 Municipal Code.
(Ord. 16818 § 1 (part), 2008; Ord. 15966 § A (part), 2004)

~~18.20.090 Section 404 deleted — Accessible plumbing facilities.~~

~~Section 404—Accessible Plumbing Facilities, shall be and hereby is deleted in its entirety. (Ord. 15966 § A (part), 2004).~~

18.20.100-050 Section 412.5 added—Floor drains in mechanical rooms and boiler rooms.

~~Section 412.5—Floor Drains in Mechanical Rooms and Boiler Rooms, shall be and hereby is added to read as follows:~~

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

412.5 Floor Drains in Mechanical Rooms and Boiler Rooms, added

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.

(Ord. 15966 § A (part), 2004)

18.20.110 060 Section 417.5.2 3 Shower receptor, added.

~~Section 417.5.2—Shower Receptor, shall be and hereby is amended to read as follows:~~

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

417.5.2 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.

417.5.2 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.

417.5.2 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 (1.02 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.

417.5.2 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.

(Ord. 15966 § A (part), 2004)

18.20.120 070 Section 604.8.3 Accessibility, added.

~~Section 604.8.3—Accessibility, shall be and hereby is added to read as follows:~~

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.

(Ord. 15966 § A (part), 2004)

18.20.130 080 Table 605.3 Water service pipe, amended.

Table 605.3 Water Service Pipe, shall be and hereby is amended by deleting all references to asbestos-cement pipe and polybutylene (PB) plastic pipe and tubing. (Ord. 15966 § A (part), 2004)

18.20.140 090 Table 605.4--Water distribution pipe.

Table 605.4--Water Distribution Pipe, shall be and hereby is amended by deleting all references to polybutylene (PB) plastic pipe and tubing. (Ord. 15966 § A (part), 2004)

18.20.150 100 Section 605.4 Water distribution pipe, amended.

Section 605.4--Water Distribution Pipe, shall be and hereby is 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.
(Ord.15966 § A (part), 2004)

18.20.160 110 Section 608.16.5 Connections to lawn irrigation systems, amended.

~~Section 608.16.5--Connections to Lawn Irrigation Systems, shall be~~ **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.
(Ord.15966 § A (part), 2004)

18.20.170 120 Section 701.2 Sewer required, amended.

~~Section 701.2--Sewer Required, shall be and hereby is amended to read as follows:~~
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 Municipal Code.

(Ord.15966 § A (part), 2004)

18.20.180 130 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.

~~Table 702.2--Underground Building Drainage and Vent Pipe, shall be and hereby is amended by deleting all references to asbestos-cement pipe (Ord.15966 § A (part), 2004)~~

18.20.190 140 Table 702.3--Building sewer pipe, amended.

~~Table 702.3--Building Sewer Pipe, shall be and hereby is amended by deleting all references to asbestos-cement pipe (Ord.15966 § A (part), 2004)~~ **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.**

18.20.200 150 Section 705.3 Asbestos cement, deleted.

~~Section 705.3 Asbestos Cement, shall be and hereby is deleted in its entirety. (Ord.15966 § A (part), 2004)~~ **International Plumbing Code, 2009 Edition, Section 705.3, Asbestos cement, is hereby deleted in its entirety.**

18.20.210 160 Section 708.3.5 Building drain and building sewer junction, amended.

~~Section 708.3.5 Building Drain and Building Sewer Junction, shall be and hereby is amended to read as follows:~~ **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.

(Ord.15966 § A (part), 2004)

18.20.220 170 Section 802.1.8 9 Condensate, and Evaporative Cooler Waste, added

~~Section 802.1.8 9 Condensate and Evaporative Coolers Waste, shall be and hereby is added to read as follows:~~

~~802.1.8 9 Condensate:~~

~~Condensate waste from air conditioning units 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 air conditioned space.~~

~~(Ord.15966 § A (part), 2004)~~

~~18.20.230 180 Section 802.1.8 9 added — Evaporative coolers waste.~~

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

~~Section 802.1.8 8 9 Evaporative Coolers Waste, shall be and hereby is added to read as follows:~~

802.1.8 9 Condensate and Evaporative Coolers Waste.

Waste from Evaporative coolers automatic water draining systems, **and condensate from air conditioner units**, when approved by the Building ~~Official~~ **Permits and Inspections Director**, 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 evaporative cooler **or discharged so that the effluent is used for watering landscaping or other vegetation.** (Ord. 16985 § 36, 2008; Ord. 15966 § A (part), 2004)

18.20.250 180 Section 1003.2.1 Water jacketed grease traps, added.

~~Section 1003.2.1—Water Jacketed Grease Traps, shall be and hereby is added to read as follows:~~ **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. (Ord. 15966 § A (part), 2004)

18.20.260 190 Table 1003.3.4.1 Capacity of grease interceptors, amended.

~~Table 1003.3.4.1—Capacity of Grease Traps, shall be and is hereby amended to read as follows:~~ **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

(Ord. 15966 § A (part), 2004)

18.20.270 200 Section 1003.5 Sand interceptors in commercial establishments, amended.

~~Section 1003.5—Sand Interceptors in Commercial Establishments, shall be and hereby is amended to read as follows:~~ **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 which 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.

(Ord. 15966 § A (part), 2004)

18.20.280 210 Appendix C, Gray water recycling systems, adopted.

International Plumbing Code Appendix C--Gray Water Recycling, shall be and hereby is adopted in its entirety.

(Ord. 15966 § A (part), 2004)

18.20.290 220 Appendices.

~~The appendices, unless specifically adopted or referenced, are retained as administrative guidance aids.~~

~~(Ord. 15966 § A (part), 2004)~~ **International Plumbing Code, 2009 Edition, Appendices, unless specifically adopted or referenced, are retained as administrative guidance aids.**

18.20.300 230 Conflicting ordinances.

All ordinances and parts of ordinances in conflict with the provisions of this chapter are hereby repealed as follows: Ordinances No. 014730, 12-12-2000.

(Ord. 15966 § A (part), 2004)

C. All references to the NEC 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 _____. 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.