

AN ORDINANCE

AMENDING CHAPTER 24 OF THE CITY CODE OF SAN ANTONIO AND ADOPTING THE 2006 UNIFORM PLUMBING CODE WITH LOCAL AMENDMENTS.

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WHEREAS, the Department of Development Services currently enforces the 2003 edition of the Uniform Plumbing Code published by the International Association of Plumbing and Mechanical Officials and the local amendments thereto; and

WHEREAS, the 2006 edition of the Uniform Plumbing Code (UPC) has been published; and

WHEREAS, the Plumbing Appeals and Advisory Board and city staff have conducted public meetings regarding the adoption of the 2006 UPC and amendments thereto; and

WHEREAS, the Plumbing Appeals and Advisory Board and the Department of Development Services recommend approval and adoption of the 2006 UPC and its local amendments; and

WHEREAS, all prerequisites required by state statute and the City Charter for adoption of this code and its amendments have been satisfied; **NOW THEREFORE**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. Article I. In General, of the City Code of San Antonio is amended by adding the language that follows:

Sec. 24-1. Title of Chapter.

- a) This chapter shall be known as the Plumbing Code. Unless otherwise indicated by its use or context, the term “this code” shall refer to this chapter.

Sec. 24-2. Purpose of Plumbing Code and process for technical code adoption.

- a) Purpose. This code, including any adopted technical code and amendments, shall be construed to provide minimum standards to safeguard public safety, health and general welfare.

- b) Process for technical code adoption.
 - a. Within 180 days of the availability for local public review and purchase of the adopted state plumbing codes promulgated by the International Code Council and the International Association of Plumbing and Mechanical Officials, the Plumbing Appeals and Advisory Board (“Board”) as defined and described below, may, after conducting public hearings, review and select a plumbing code for City Council consideration and possible adoption,

and may develop, after further public hearings, local amendments to the plumbing code for recommendation to the City Council. The 180 day timeframe may be extended for due cause.

- b. Once the Board has voted to recommend a plumbing code and any local amendments for City Council consideration, the Director of Development Services shall have the responsibility to make timely recommendations of the proposed code and any local amendments to the City Council.
- c. Upon City Council action to adopt the proposed plumbing code and any local amendments, as evidenced by the passage of a duly authorized ordinance, and after the requisite time period has passed as required by law, the proposed plumbing code and any corresponding local amendments shall be in effect as the official plumbing code for the City of San Antonio.

Sec. 24-3 through 24-10 reserved.

SECTION 2. Chapters 1 thru 16 and Appendixes A, B, D, E, I, K and L of the 2006 edition of the Uniform Plumbing Code (UPC) are hereby adopted to replace the 2003 edition of the Uniform Plumbing Code. To reflect the adoption of the UPC, Article II, Section 24-11 of the City Code of San Antonio is amended by adding the language that follows:

Sec. 24-11. Uniform Plumbing Code adopted.

Chapters 1 thru 16 and Appendixes A, B, D, E, I, K and L of the International Association of Plumbing and Mechanical Officials' 2006 edition of the Uniform Plumbing Code, with new local amendments, as set out in section 24-12 below, are hereby adopted as the plumbing code of the city. Three (3) copies of the Uniform Plumbing Code are incorporated herein by reference and have been filed in the office of the city clerk pursuant to section 17 of the City Charter for permanent record and inspection.

SECTION 3. The local amendments to Chapters 1 thru 16 and Appendixes A, B, D, E, I, K and L of the 2006 edition of the Uniform Plumbing Code are hereby adopted and Chapter 24, section 24-12 of the City Code of San Antonio is hereby amended in its entirety to reflect such amendments. To reflect the amendments to the UPC, Article II, Section 24-12 of the City Code of San Antonio is amended by adding the language that follows:

Sec. 24-12. Amendments.

(a) Certain amendments, additions and deletions to Chapters 1 thru 16 and Appendixes A, B, D, E, I, K and L of the 2006 edition of the Uniform Plumbing Code are hereby adopted. Three (3) copies thereof are incorporated by reference and have been filed in the office of the city clerk pursuant to section 17 of the City Charter for permanent record and inspection.

(b) The following sections of the Uniform Plumbing Code, 2006 edition, are hereby added and/or amended to read as follows:

Section 102.1 Authority Having Jurisdiction of the Uniform Plumbing Code is amended to read as follows:

102.1 Authority Having Jurisdiction.

The Authority Having Jurisdiction shall be the authority duly appointed to enforce this code and will be referred to herein as the director of development services. Whenever the term Authority Having Jurisdiction appears in the Uniform Plumbing Code it shall mean the director of development services.

Section 102.2 Duties and Powers of the Authority Having Jurisdiction and Section 102.2.1 of the Uniform Plumbing Code is amended to read as follows:

102.2 Duties and Powers of the Director of Development Services.

102.2.1. The director of development services may appoint such assistants, deputies, inspectors or other employees as are necessary to carry out the function of the department and this code. The plumbing division shall be a part of the development services department. No employee connected with the plumbing division, except a member of the board established by this code shall be financially interested in the furnishing of labor, material, or appliances for construction, alteration or maintenance of plumbing installations in a building or in the making of plans or specifications thereof, unless such employee is the owner of such building. No such employee shall engage in any work, which is inconsistent with his duties or with the interest of the division.

Section 102.3.1 Violations of the Uniform Plumbing Code is amended by adding a sentence to the end of the section as follows:

102.3.1 Violations. It shall be unlawful for any person, firm, or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert, demolish, equip, use, or maintain any plumbing or permit the same to be done in violation of this code. Obtaining a permit in the name of a person authorized by law to do plumbing work, and thereafter permitting a person not licensed by law, or not employed by same person to do such work, is a violation of the state licensing law and such violations shall be reported to the Texas State Board of Plumbing Examiners with a recommendation that the permit holder's license be revoked or suspended.

Section 102 Organization and Enforcement of the Uniform Plumbing Code is amended by adding Section 102.4 to read as follows:

102.4 Plumbing Appeals and Advisory Board

102.4.1 There is hereby appointed a plumbing appeals and advisory board. The Board shall consist of 11 members, the director of development services or his designated representative, a representative from the Metropolitan Health District, a representative from the San Antonio Water System and a representative from City Public Service, the latter 4 being ex-officio, non-voting members.

102.4.2 The appointive members shall be appointed by the city council for two-year terms. The appointive members will consist of one homebuilder, one architect, two master

plumbers, one of whom shall represent the open shop segment of the industry and one of whom shall represent the union shop segment; two journeyman plumbers, one of whom shall represent the open shop segment and one of whom shall represent the union segment; one practicing professional mechanical engineer, one plumbing contractor and three laymen/consumers.

102.4.3 The members shall elect a chairman and vice-chairman from their own membership who shall serve a one-year term, but no person shall serve as chairman for more than two consecutive years, except with unanimous consent of the Board.

102.4.4. Common Sense. This Code shall be governed by the Doctrine of Common Sense. An installation or design that is found not to comply with the provisions of this code is not a violation of this code if the installation conforms to the intent of this code as determined by the Plumbing Appeals and Advisory Board. If such determination should be applicable to plumbing installations in general, the Building Official shall publish the determination and include it in the next adoption of local amendments.

Section 102 Organization and Enforcement of the Uniform Plumbing Code is amended by adding *Section 102.5* to read as follows:

102.5 Powers and Duties of the Plumbing Appeals and Advisory Board

102.5.1 The board shall have jurisdiction over all appeals from decisions of the director, which relate to plumbing installations and shall determine the intent and meaning of the provisions of this code. The board shall determine which materials and/or methods are equally good and desirable to those permitted by this code and permit the use of same in accordance with this code. The board shall have no power to otherwise modify or change this code. The director shall comply with and enforce the decisions of the board.

102.5.2 Appeals from the board's action. Any action of the plumbing appeals and advisory board may be appealed by written petition for a hearing before City Council. Such petition must be filed with such board and the city clerk within 7 days of the board's action.

102.5.3 Whenever the board determines that any provision of this code is inadequate, incorrect or obsolete, it shall recommend a corrective amendment to the city council for adoption.

Section 102 Organization and Enforcement of the Uniform Plumbing Code is amended by adding *Section 102.6* to read as follows:

102.6 Meetings and Procedures

102.6.1 Regular meetings of the board shall be held on the second Wednesday of each month when necessary for the purpose of hearing appeals and rendering interpretations of the plumbing code and hearing applications of the proposed use of new materials and new methods of installation. The Board by two thirds (2/3) majority vote of the members present, may change the day of the meeting.

102.6.2 Special meetings may be called by the Chairman as needed.

102.6.3 Six members shall constitute a quorum. A majority of members present and voting in the affirmative shall be required to pass a motion.

Section 102 Organization and Enforcement of the Uniform Plumbing Code is amended by adding *Section 102.7* to read as follows:

102.7 Appeals. Appeals shall be made in writing and shall be submitted no later than the first Wednesday of the month. Appellant may appear in person or be represented by another person or persons and may introduce evidence to support the appellant's claims. The appellant shall cause to be made at the appellant's own expense any tests or research required by the board to substantiate his claims. Each application to the board shall be accompanied by a filing fee as set forth in the fee schedule adopted by the city of San Antonio.

Section 102 Organization and Enforcement of the Uniform Plumbing Code is amended by adding *Section 102.8* to read as follows:

102.8 Illegal Work. Any person in the business of plumbing whose work does not conform to the rules and regulations as set forth in this code, or whose workmanship or materials are of inferior quality, shall, upon notice from the director, make necessary changes or corrections so as to conform to this code. If work has not been changed or corrected within 10 days, the director may then refuse to issue additional permits to such person until such work has fully complied with the rules and regulations of this code.

Section 103.1.3 Licensing of the Uniform Plumbing Code is amended by adding *Section 102.9* to read as follows:

103.1.3 License Required. Before any person shall engage in the business of plumbing within the city, said person shall be qualified as set forth in this code and shall have a current master plumber's license obtained from the state board of plumbing examiners. The license shall be registered with the city by submitting the appropriate fee as set forth in the fee schedule adopted by the city of San Antonio. Where any plumbing work is being done, a master or journeyman plumber shall, at all times, be present on the job and in actual control and in charge of the work being done.

Section 103.1 Permits of the Uniform Plumbing Code is amended by adding *Section 103.1.4* to read as follows:

103.1.4 Who may obtain permits:

103.1.4.1 Any duly licensed master plumber. See Section 103.1.4.8 for bond and insurance requirements.

103.1.4.2 Any homeowner performing plumbing work on a homestead wherein he/she resides. The installation is to be made by the homeowner without the assistance of any person or persons.

103.1.4.3 Licensed irrigators for the installation of back flow devices for irrigation systems. Must have state irrigator's license.

103.1.4.4 Water softener companies that hold a Class III Texas Commission of Environmental Quality (TCEQ) license for the installation or change out of water softeners and associated equipment.

103.1.4.5 Licensed fire line contractors for back flow devices on fire lines.

103.1.4.6 Plumbing work done by anyone who is regularly employed or acting as a maintenance man or maintenance engineer, incidental to and in connection with the business in which he is employed or engaged, and who does not engage in the occupation of a plumber for the general public. See state licensing law for definition of maintenance person or maintenance engineer.

Exception 1: Any person who is employed by the railroad for plumbing work done upon the premises or equipment of the railroad and who does not engage in the occupation of a plumber for the general public.

Exception 2: Any person engaged by any public service company for plumbing work in connection with laying, maintenance and operation of its service mains or lines and the installation, alteration, adjustment, repair, removal or renovation of all types of appurtenances, equipment and appliances directly related to public service companies, properties and/or jurisdiction.

103.1.4.7 Gas work done by a certified LP gas installer Licensed under chapter 113, Natural Resources Code, as amended (limited to underground service piping from the tank to the building or pool heater).

Section 103.1 Permits of the Uniform Plumbing Code is amended by adding *Section 103.1.4.8* to read as follows:

103.1.4.8 Insurance. Before any person shall engage in the business of plumbing within the city, such person shall provide a certificate of insurance issued by an insurance company authorized and admitted to do business in the state of Texas for commercial general liability insurance and products/ completed operations coverage for master plumber for claims for property damage or bodily injury, regardless of whether the claim arises from a negligence claim or on a contract claim, and shall be in a coverage amount of not less than \$300,000 for all claims arising in any one-year period. Further, any persons engaged in the business of plumbing shall indemnify and hold harmless the city from any and all damages, claims, liens or losses, including, but not limited to personal injury or death and property damage, arising from any acts or omission of any character whatsoever caused by such person, his agents or employees, engaged in the plumbing business.

TABLE 1-1 Plumbing Permit Fees, Section 103.4.1 Permit Fees and Section 103.4.2 Plan Review Fees of the Uniform Plumbing Code are deleted and replaced with Section 103.4.1 and Section 103.4.2 to read as follows:

103.4.1 Permit Fees. The fee for each permit shall be set forth in the fee schedule as adopted by the city of San Antonio.

103.4.2 Plan Review Fees. The fee for each permit shall be set forth in the fee schedule as adopted by the city of San Antonio.

Section 311 Prohibited Fittings and Practices of the Uniform Plumbing Code is amended by adding *Section 311.9* to read as follows:

311.9 No electric lines are to be installed in the same ditch with plumbing, gas, sewer or water piping unless a separation of 36" is maintained.

Section 313 Protection of Piping, Materials, and Structures of the Uniform Plumbing Code is amended in *Sections 313.2 and 313.6* and *Section 313.13* is added to read as follows:

313.2 All piping in connection with a plumbing system shall be so installed that piping or connections will not be subject to undue strains or stresses, and provisions shall be made for expansion, contraction, and structural settlement. Any plastic material used to protect copper piping from contact with other metallic material shall be a minimum of 6 mil. Tarpaper or Felt paper shall also be acceptable for this purpose. No structural member shall be seriously weakened or impaired by cutting, notching, or otherwise, as defined in the Building Code.

313.6 No water, soil, or waste pipe shall be installed or permitted outside of a building or in an exterior wall unless, where necessary, adequate provision is made to protect such pipe from freezing. For the purpose of this section, a ventilated attic is considered subject to freezing. Piping under 4 inches nominal of insulation is considered protected from freezing.

313.13 When accessible openings are required by this code, they shall be a minimum of 12" x 12" (305 mm x 305 mm) in dimension unless otherwise approved by the administrative authority.

Section 314.3 of the Uniform Plumbing Code is amended to read as follows:

314.3 Piping in the ground shall be laid on a firm bed for its entire length; where ~~other~~ support is otherwise provided, it shall comply with Table 3-2 and not exceed 24" above ground. (Two steel rods crisscrossed and tied to pipe with tie wire and spaced per Table 3-2 will be required on horizontal piping raised above ground.)

Section 316.1.6 Solvent Cement Plastic Pipe Joints of the Uniform Plumbing Code is amended by deleting the exception.

Section 402.0 Water Conservation of the Uniform Plumbing Code is amended by adding *Section 402.7* to read as follows:

402.7 The maximum discharge flow rates for plumbing fixture fittings shall be in accordance with applicable standards referenced in Chapter 3 and listed in Table 14-1, but in no case shall they exceed the maximum requirements of the Texas Commission of Environmental Quality (TCEQ), Chapter 372, titled "Environmental Performance Standards for Plumbing Fixtures."

Section 412.2 Access to Fixtures of the Uniform Plumbing Code is deleted.

Table 4-1 Minimum Plumbing Fixtures of the Uniform Plumbing Code is amended by adding *note 19 to Table 4-1* to read as follows:

19 Minimum bathtub and/or shower requirements for Nursing Homes shall be as required by the standards set forth by the State of Texas.

Note: Occupancy load factor is to be used to calculate minimum plumbing fixtures only

Table 4-1 Minimum Plumbing Facilities of the Uniform Plumbing Code is amended by adding *Tables 4-1A, 4-1B and 4-1C* to read as follows:

MINIMUM PLUMBING FACILITIES

**Table 4-1A
Restaurants (No Alcohol)**

Water Closets		Urinals	Lavatories	
Male	Female	Male	Male	Female
1 : 6-25	1 : 6-25	-- 0 --	-- 1 --	1
1 : 26-50	2 : 26-50	-- 1 --	-- 1 --	1

For occupancy load over 100, refer to current U.P.C. Chapter four Table 4-1

**Table 4-1B
Game Rooms and Similar Occupancies**

<p>1. Must have men’s and women’s restrooms 2. No alcohol or concession stand</p>				
Water Closets		Urinals	Lavatories	
Males	Females		Males	Females
1 : 1--50	1 : 1--50	0	1	1
1 :51--100	2 : 51--100	1	1	1
1 :101-150	3 : 101-150	2	1	1

**Table 4-1C
Gymnastic Centers and Dance Studios**
Occupant load based on 100 sq. ft. per person at total building sq. ft.
Dance studios shall be based on a 95/5 split for Female/Male

Water Closets		Urinals	Lavatories
Male	Female	Male	Male & Female
1: 1-50	2: 1-50	1: 1-100	1 each
2: 51-100	3: 51-100		
2: 101-150	4: 101-150	2: 101-150	2 each

Section 505.1 Location of the Uniform Plumbing Code is amended by adding item (3) to read as follows:

(3) Electric water heaters shall be approved in both of these locations.

Section 505.1 is amended by adding 505.1.1 to read as follows:

505.1.1 Only electric water heaters may be installed under a stairway or landing.

Section 506.4.2 of the Uniform Plumbing Code is amended by adding language to the end of the first sentence with the three listed requirements remaining the same. The amended sentence to read as follows:

506.4.2 Indirect-fired water heater that incorporate a single-wall heat exchanger shall be limited to non potable applications only and meet all of the following requirements:

Section 508.27 of the Uniform Plumbing Code is amended by adding the following sentence at the end of the paragraph to read as follows:

Water heaters installed in exterior locations that are not designed for exterior locations shall be protected by a full enclosure and shall be installed in accordance with Section 505, 507 and 510.

Section 509.4 Appliances in Attics of the Uniform Plumbing Code is amended by adding *Section 509.4.6* to read as follows:

509.4.6 Storage type water heaters shall not be installed in an attic unless accessible from a door opening from the house on the same floor level and if in accordance with Sections 509.4.2 thru 509.4.5.

Section 601.2 Identification of a Potable and Non-potable Water Supply of the Uniform Plumbing Code is amended by adding language to the first sentence to read as follows:

In all buildings and on all properties where potable water and non-potable water systems are installed, each system shall be clearly identified.

Section 603.3.4 of the Uniform Plumbing Code is amended by adding the following sentence to the end of the section to read as follows:

All backflow assemblies and devices shall be installed in accordance with the installation standards provided by the Authority Having Jurisdiction.

Section 603.4.6.1 of the Uniform Plumbing Code is amended by adding another type of protection device to read as follows:

(5) Double check valve assembly.

Section 603.4.12 of the Uniform Plumbing Code is deleted in its entirety and replaced with language to read as follows:

603.4.12 Water supply to carbonators shall be protected by either a double check valve assembly or an RP device.

Section 603.4.16.1 of the Uniform Plumbing Code, the first sentence, is amended to read as follows:

603.4.16.1 Except as provided under Sections 603.4.18.2 and 603.4.18.3, potable water supplies to fire protection systems that are normally under pressure, including but not limited to standpipes and automatic sprinkler systems, be protected from back-pressure and back-siphonage by one of the following testable devices:

Section 604.1 of the Uniform Plumbing Code is amended by adding a sentence to the end of that section to read as follows:

Asbestos cement piping is prohibited for use on potable water lines. The use of CPVC below slab on fill, shall be free of any joints.

Section 604.2 of the Uniform Plumbing Code is amended by deleting the exception:

Section 605.5 of the Uniform Plumbing Code is amended by adding the following sentence to the end of the second paragraph to read as follows:

All water closets and icemakers shall have a shutoff or control valve at the fixture.

Section 608.2 Excessive Water Pressure of the Uniform Plumbing Code is amended to read as follows:

608.2 Excessive Water Pressure. Where static water pressure in the water supply piping is in excess of eighty (80) pounds per square inch (552 kPa), an approved-type pressure regulator preceded by an adequate strainer shall be installed and the static pressure reduced to eighty (80) pounds per square inch (552 kPa) or less. Such regulator(s) shall control the pressure to all water outlets in the building unless otherwise approved by the Authority Having Jurisdiction. Each such regulator and strainer shall be accessibly located aboveground or in a vault shall be protected from freezing, and shall have the strainer readily accessible for cleaning without removing the regulator or strainer body or disconnecting the supply piping. All pipe size determinations shall be based on eighty (80) percent of the reduced pressure when using Table 6-6. In addition to the required pressure reducing valve, a thermal expansion tank shall also be required on all water heaters whenever the purveyor's water pressure to the property exceeds 80 pounds per square inch (552 kPa).

Section 608.3 of the Uniform Plumbing Code is amended by adding a sentence at the end of the first paragraph to read as follows:

Thermal expansion control is limited to the use of expansion tanks (per water conservation requirements of 1998).

Section 609.10 Water Hammer of the Uniform Plumbing Code is amended by adding a new sentence at the end of the section's first sentence to read as follows:

Water Hammer Arrestors shall be installed to protect all washing machines, kitchen sinks, dishwashers, tubs and shower locations from water hammer. A separate tub and shower set back to back may be served by a single set of water hammer arrestors, provided that the

continuation of the water line from one fixture (where the arrestors are located) to the other fixture does not exceed 8 linear feet as measured along the pipe.

Section 610.13 Exceptions of the Uniform Plumbing Code is amended by adding a sentence at the end of exception (7) to read as follows:

The irrigation system shall be designed and installed as per city ordinance # 97250.

Section 701.1.3 of the Uniform Plumbing Code is amended to read as follows:

701.1.3 No vitrified clay pipe or fittings shall be used aboveground, under slab or buildings, or where pressurized by a pump or ejector. They shall be kept at least twelve (12) inches (305 mm) belowground.

Section 701.2 of the Uniform Plumbing Code is amended by adding *Section 701.2.4* to read as follows:

701.2.4 Any hubless-type pipe joint made underground or under a slab shall be made with a wide-bodied shielded coupling.

Section 707 Cleanouts of the Uniform Plumbing Code is amended by changing *Exception 1* to *Section 707.4* read as follows:

Exception 1: Cleanouts may be omitted on a horizontal drain lines less than five (5) feet (1524 mm) in length unless the line is serving washing machines, kitchen sinks or urinals.

Section 707 Cleanouts of the Uniform Plumbing Code is amended by adding *Section 707.15* to read as follows:

707.15 All washing machines and kitchen sinks shall have an accessible cleanout.

Section 712.2 Water Test of the Uniform Plumbing Code is amended in two places to read as follows:

42 inches (1067 mm) head of water

Section 712 Water Test of the Uniform Plumbing Code is amended by adding 712.2.1 to read as follows:

712.2.1 The first floor DWV system shall be retested and inspected prior to the slab being poured to assure there are no broken drain pipes below slab resulting from the backfill and steel placement. The water lines and trap primers, if any, will also be checked at this time.

Section 715.1 of the Uniform Plumbing Code is amended to read as follows:

715.1 The building sewer, beginning two (2) feet (610 mm) from any building or structure, shall be a minimum of SCH 40 PVC for four (4) inch (102 mm) and smaller and SDR 35 PVC for six (6) inch (153 mm) and larger.

Section 717 Size of Building Sewers of the Uniform Plumbing Code is amended by changing the last sentence of the first paragraph to read as follows:

No building sewer within private property shall be smaller than the building drain, but in no case smaller than three (3) inches (76 mm).

Section 718 Grade, Support, and Protection of Building Sewers of the Uniform Plumbing Code is amended by adding *Section 718.4* to read as follows:

718.4 Sewers over Edwards Recharge Zone shall be installed in accordance with any applicable TCEQ requirements and in accordance with the requirements as provided in the SAWS Utility Service Regulations.

Section 719.0 Cleanouts of the Uniform Plumbing Code is amended by adding *Section 719.7* to read as follows:

719.7 Cleanouts located in traffic-bearing areas shall be installed with a vehicle traffic-bearing box. The box shall be set in concrete slab, extending at least 12 inches from the perimeter of the cleanout. The slab shall be no less than 6 inches thick. The concrete shall be no less than 2,500 psi.

Section 723.0 Building Sewer Test of the Uniform Plumbing Code is deleted in its entirety.

Section 807.4 of the Uniform Plumbing Code is amended by adding *Section 807.4.1* to read as follows:

807.4.1 In lieu of the air gap fitting, a dishwasher loop may be used. It must be securely fastened as high as possible under the counter top.

Section 905.3 of the Uniform Plumbing Code is amended by adding a sentence to the end of that section to read as follows:

When, due to structural condition, horizontal vents are installed below the flood level rim of the fixture they serve, they shall have a cleanout installed on the riser in an accessible location.

Exception: A vent that continues, uninterrupted through the roof and is accessible from the roof to rod out, would be acceptable.

Section 910.1 of the Uniform Plumbing Code is amended to read as follows:

Combination waste and vent systems shall be permitted for floor drains, floor sinks, hub drains and other similar clear water waste fixtures. There shall be a minimum of two vents on the system. One shall be at the beginning of the system and one shall be immediately before the uppermost fixture on the system.

Section 1011.0 Minimum Requirements for Auto Wash Racks of the Uniform Plumbing Code is amended by adding *Section 1011.1* to read as follows:

1011.1 Automatic car washes (w/high pressure sprays and/or brushes) shall install a 50 GPM interceptor, minimum, for a 4-bay vehicle wash. The size of the interceptor shall increase 10 GPM for each additional wash bay over 4. Single bay or portable washer type vehicle washes shall install a 20 GPM interceptor, minimum. The sizing criteria for automatic car washes shall be based on the above mentioned GPM x 12-minute retention time.

Section 1012 of the Uniform Plumbing Code is amended by adding *Sections 1012.2 and 1012.3* to read as follows:

1012.2 Public and private washaterias and commercial laundries shall install a lint trap equipped with a conveniently located and easily removable wire basket, or other similar device, that will prevent strings, rags, buttons, or other prohibited material from entering the sanitary sewer system. The basket or other similar device shall prevent passage to the sanitary sewer system of solids greater than 1/2 inch in diameter. The lint trap size shall be based on the total GPM of all fixtures, appliances and appurtenances draining to it.

1012.3 In lieu of a lint trap, a lint interceptor may be installed. A professional engineer may design for specific operational requirements; however, the plans must be submitted with a professional engineer's seal for approval. The design shall be based on a 12 minute retention time.

Section 1014.1.3 Food Waste Disposal Units and Dishwashers of the Uniform Plumbing Code is amended by adding *Sections 1014.1.3.1 and 1014.1.3.2* to read as follow:

1014.1.3.1 All commercial food waste disposal units shall be connected to and discharge directly into a gravity grease interceptor.

1014.1.3.2 All dishwashers shall discharge into a gravity grease interceptor or meet the requirements of section 1014.2.4.

Section 1014.2 Hydromechanical Grease Interceptors of the Uniform Plumbing Code is amended by adding *Section 1014.2.4* to read as follows:

1014.2.4 Waste in excess of one hundred and forty (140) degrees Fahrenheit shall not discharge into grease traps and grease interceptors 100 GPM or smaller. A larger grease trap or interceptor shall be required.

Section 1014.3.5 Construction Requirements of the Uniform Plumbing Code is amended by adding *Section 1014.3.5.2* to read as follows:

1014.3.5.2 An effluent sampling well on all interceptors shall be required. The sample well shall have a riser a minimum of six (6) inches (153 mm) in diameter and shall be installed after the confluence of all waste streams from the facility and prior to discharging into the sanitary sewer collection system. The well shall be perpendicular to the effluent lateral to allow observation of the flow stream and provide for sampling of wastewater.

1016.0 Sand Interceptors of the Uniform Plumbing Code is amended by adding *Section 1016.1.2.1* to read as follows:

1016.1.2.1 Sand interceptors shall be installed in the drainage systems of the following establishments: garages, car washes, service stations, or any place of business where heavy solids or solids greater than ½ inch may be introduced into the sanitary sewer system. The sizing criteria for a sand interceptor shall be based on the required GPM x 12-minute retention times to obtain the tank size in gallon capacity.

Chapter 10 Traps and Interceptors of the Uniform Plumbing Code is amended by adding *Sections 1018.0, 1019.0 and 1020.0* to read as follows:

1018.0 Silver Recovery Units. These units shall be installed in waste line(s) leading from x-ray processing, photographic processing, and/or any procedures in establishments such as medical labs, photo finishers, printers, graphic arts production facilities, hospital, veterinary hospitals, or other establishments where silver may be introduced into the sanitary sewer system.

1019.0 Neutralizing Devices. In no case shall corrosive liquids, spent acids, or other harmful chemicals which might destroy or injure a drain, sewer, soil or waste pipe, or which might create noxious fumes, discharge into the sanitary sewer system without being thoroughly neutralized by passing through a properly constructed and acceptable neutralizing medium, consisting of limestone or marble chips, so as to make its contents non-injurious before being discharged into the sanitary sewer system.

1020.0 Solid Interceptors. These shall be installed when pretreatment of waste streams is necessary to prevent solids greater than one-half (½) inch in diameter, which may cause line stoppage from entering the sanitary sewer system.

Section 1204.3.1 of the Uniform Plumbing Code is amended by adding a sentence to the end of that section to read as follows:

The piping shall be tested by closing all openings and subjecting the pipes to an air pressure that will support a column of mercury fifteen (15) inches (381 mm) in height for at least 15 minutes, or a 10 psi air test using a dial gauge as described in Section 319 with a Grade A1 or better quality. For gas systems with pressures in excess of 14 inches of water column, the test pressure shall not be less than 1 ½ times the operating pressure for the system and shall hold this pressure for a minimum of 25 minutes.

Section 1204.3.2 Final Piping Inspection of the Uniform Plumbing Code is amended to read as follows:

1204.3.2 Final Piping Inspection.

The inspection shall be made after all piping authorized by the permit has been installed and after all portions thereof that are to be covered or concealed are so concealed and before any fixtures, appliances and shut-off valves have been attached thereto. This inspection shall include a column of mercury six (6) inches (152 mm) in height for at least 15 minutes, or of a 5 psi air test using a dial gauge as described in Section 319 with a Grade A1 or better quality. For gas systems with pressures in excess of 14 inches of water column, the test pressure shall not be less than 1 ½ times the operating pressure for the system and shall hold this pressure for a minimum of 25 minutes.

Section 1209.5 of the Uniform Plumbing Code is amended by adding *Sections 1209.5.3.4.1, 1209.5.3.4.2 and 1209.5.3.4.3* to read as follows:

1209.5.3.4.1 Steel piping will be required for the meter loop and into the wall and up thru the top plate with a 90° steel pipe fitting in the attic for the transition.

1209.5.3.4.2 The approved gas regulator for the system shall be installed in a ventilated attic unless the vent is piped to the exterior of the building.

1209.5.3.4.3 When CSST tubing passes behind stucco, plaster or areas where staples are used, it shall be protected by a continuous sleeve or AGA approved shield that is twice the diameter of the CSST tubing being protected.

Section 1209.5.8.1 Pipe Joints of the Uniform Plumbing Code is amended by adding *Section 1209.5.8.1.1* to read as follows:

1209.5.8.1.1 All welded joints in piping system shall be welded by a certified pipe welder as defined in Chapter 2.

Section 1209.7.5 Venting (A) Line Gas Pressure Regulators (1) of the Uniform Plumbing Code is amended by deleting the *Exception* found therein.

Section 1211.1.2 Protection Against Damage (A) Cover Requirements of the Uniform Plumbing Code is amended by adding the following at the end of that section:

When a plastic detectable tape with a metal core is used, it shall be buried in the trench six (6) inches (152 mm) above the pipe or six (6) inches (152 mm) below finished grade and shall be secured to the risers at each end of the line. The plastic tape shall be yellow in color and shall be imprinted with the following: "Caution: Gas Line Buried Below"

Section 1211.1.7 Plastic Pipe (A) Connection of Plastic Piping of the Uniform Plumbing Code is amended by deleting *Exceptions No. 1 and No 2* found therein.

Section 1211.3.5 Piping in Floors of the Uniform Plumbing Code is amended by deleting the *Exception* found therein.

Section 1212.1 Connecting Gas Equipment of the Uniform Plumbing Code is amended by adding number (8) to read as follows:

(8) Gas flex connectors for appliances or equipment installed in exterior locations shall be approved for that use and shall be protected from vandalism and damage.

The title to *Appendix E* of the Uniform Plumbing Code is amended to read as follows and to be applicable to all sections of *Appendix E*:

MANUFACTURED/MOBILE HOME PARKS, SUBDIVISION OR SITE AND RECREATIONAL VEHICLE PARKS

Section E 6 Drainage Systems of the Uniform Plumbing Code is amended by adding Section E 6.1 to read as follows:

E 6.1 Manufactured/Mobile Home parks, subdivision or site shall meet the following requirements for the drainage/sewer system on site: The sewer main shall be six (6) inch (152 mm) minimum, with four (4) inch (102 mm) minimum laterals to the M/H pad and a four (4) inch (102 mm) p-trap. There shall be one three (3) inch (76 mm) vent for each 10 traps starting at the upper most point on the system. The vent shall connect to the drain system at the top portion of the drain pipe and terminate a minimum of ten (10) feet (3048 mm) above finish grade. The horizontal run shall be kept as short as reasonably possible.

Appendix L of the Uniform Plumbing Code is amended by deleting all of Sections L3, L6.1, L6.3, L7 and L8 found therein.

SECTION 4. Section 24-13 entitled “Penalties” of the City Code of San Antonio is amended as a result of the adoption of the 2006 Uniform Plumbing Code and amendments in Article II of Chapter 24. This amended section is identified by adding the language that follows:

Sec. 24-13. Penalties.

A violation of any adopted provisions of Article II of this chapter shall be a Class C misdemeanor punishable by a fine not to exceed five hundred dollars (\$500.00). Each day or portion thereof during which any violation is committed, continued or permitted shall constitute a separate offense for punishment purposes.

SECTION 5. Should any Article, Section, Part, Paragraph, Sentence, Phrase, Clause, or Word of this ordinance, or any appendix thereof, for any reason, be held illegal, inoperative, or invalid or if any exception to or limitation upon any general provision herein contained be held to be unconstitutional or invalid or ineffective, the remainder shall, nevertheless, stand effective and valid as if it had been enacted and ordained without the portion held to be unconstitutional or invalid or ineffective.

SECTION 6. There is no financial impact as a result of the passage of this ordinance.

SECTION 7. No other provision of the City Code of San Antonio is amended hereby. All other provisions shall remain in effect.

SECTION 8. The City Clerk for the City of San Antonio is hereby directed to publish notice of this ordinance in a newspaper published in the City of San Antonio, Texas, as required by Article 2, Section 17 of the City Charter of the City of San Antonio.

SECTION 9. The publishers of the City Code of San Antonio are authorized to amend said Code to reflect the changes adopted herein, to correct typographical errors and to index, format and number paragraphs to conform to the existing code.

SECTION 10. This ordinance shall become effective on the fifth day after publication in accordance with Article 2, Section 17, of the City Charter but in no manner less than the tenth day after passage by the City Council.

PASSED AND APPROVED this 17th day of August, 2006.

M A Y O R

ATTEST:

City Clerk

APPROVED AS TO FORM: _____
City Attorney