

ORDINANCE NO. 2002-00106

AN ORDINANCE AMENDING ARTICLE III OF CHAPTER 6 OF THE CODE OF ORDINANCES OF THE CITY OF LUBBOCK, TEXAS, WITH REGARD TO ADOPTING THE 2000 EDITION OF THE INTERNATIONAL PLUMBING CODE AND PROVIDING FOR CERTAIN AMENDMENTS TO SUCH CODE IN ORDER TO MEET LOCAL CONDITIONS; PROVIDING A PENALTY; PROVIDING A SAVINGS CLAUSE; AND PROVIDING FOR PUBLICATION.

WHEREAS, it is the opinion of the City Council that the best interests of the citizens of the City of Lubbock would be served by adopting the 2000 Edition of the International Plumbing Code for Lubbock with certain amendments to meet local conditions; NOW THEREFORE:

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LUBBOCK:

SECTION 1. THAT Section 6-81 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-81. International Plumbing Code adopted.

The 2000 Edition of the International Plumbing Code published in cooperation with: Building Officials and Code Administrators International, Inc., International Conference of Building Officials, and Southern Building Code Congress International, Inc. as hereinafter amended is hereby adopted as the plumbing code of the City of Lubbock, Texas. A copy of said plumbing code is attached hereto and incorporated herein as through set out herein in detail. References to the Plumbing Code in this chapter shall mean the 2000 Edition of the International Plumbing Code. One copy of the 2000 International Plumbing Code shall be filed with the City Secretary and a copy shall be maintained in the office of the City Building Official. All such copies, with the amendments thereto, shall be open to public inspection during the usual hours of business of the offices where they are maintained.

SECTION 2. THAT Section 6-81.1 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.1. Title

101.1 Title. Amend to read:

These regulations shall be known as the International Plumbing Code of the City of Lubbock, Lubbock, Texas, hereinafter referred to as "this code".

SECTION 3. THAT Section 6-81.2 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.2. Administrative Authority.

103.1 General. Delete sub-section

103.2 Appointment. Delete sub-section

103.3 Deputies. Delete title and amend title and sub-section to read as follows:

Administrative Authority. The administrative authority duly appointed to enforce this Code shall be the Building Official of the City of Lubbock, however, said building official is hereby authorized to designate qualified employees serving under his discretion and control to assist in the discharge of such duty. These employees shall also be referred to as "code officials".

SECTION 4. THAT Section 6-81.3 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.3. Application for permit.

106.3 Application for permit. Amend this sub-section by adding the following paragraph at the beginning to read:

Application for permit. Permits for any type of plumbing including gas piping, shall be issued only to a master licensed plumber, or a homeowner doing work on a residence presently occupied as his or her homestead. All

plumbing shall be performed by state licensed plumbers except when an exemption is granted by the State Plumbing License Law.

SECTION 5. THAT Section 6-81.4 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.4 Applicant's responsibility

106.3.1 Applicant's responsibility. This sub-section shall be added to read:

It shall be the duty of the person doing the work authorized by the permit to notify the administrative authority that the work is ready for inspection. Such notification shall be called in by telephone to one of two approved inspection lines prior to the cut-off deadline for inspections for morning and afternoon schedules. When the inspection is placed on the schedule, the applicant shall allow a minimum of 4 hours for the scheduled inspection to be completed by the inspector. Should an inspector's load be such that he cannot complete all inspection for that shift, then the inspection will be placed as priority on the next inspection shift schedule. Finally, should an inspection notification to the administrative authority by the applicant pass the cut-off time, that inspection shall be placed on the following inspection shift schedule. All inspections shall follow proper sequential order.

SECTION 6. THAT Section 6-81.5 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.5. Fee schedule.

106.6.2 Fee schedule. This sub-section is amended by inserting the following:

New Construction/Additions to Existing Buildings	\$.03/sq.ft.with \$25 Minimum
Alterations of Existing Buildings	\$2 per \$1,000 valuation with \$25 minimum
Water Softener	\$25
Yard Sprinkler System	\$25
Sewer/Tap Replacement	\$25
Gas Service Replacement	\$25
Water Service Replacement	\$25
Gas Grill/Yard light	\$25
All Re-inspection Fees/Red Tags	\$25
Water Heater Replacement	\$25
Generic Plumbing Permit	\$30

The fee schedule shall be approved annually and/or periodically by the Director of Finance for the City of Lubbock and a copy of the fee schedule shall be inserted in this section.

SECTION 7. THAT Section 6-81.6 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.6. Fee refunds.

106.6.3 Fee refunds. This sub-section is amended to read:

The code official shall authorize the refunding of fees as follows:

1. The full amount of fees shall be refunded that were erroneously paid or collected.
2. The full amount of fees shall be refunded when paid for a permit that has not commenced.

The code official shall not authorize the refunding of any fee paid except upon written request by the original permittee not later than 180 days after the date of fee payment.

SECTION 8. THAT Section 6-81.7 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.7 Violation penalties.

108.4 Violation penalties. This sub-section is amended to read:

Any person, firm or corporation violating any provision of this Code shall be deemed guilty of a class C misdemeanor and upon conviction thereof shall be punishable by a fine not to exceed two hundred dollars (\$200.00) per day for each day that the violation of this Code occurs or continues and each day shall be deemed to constitute a separate offense and upon conviction thereof shall be punishable as herein provided. Issuance or granting of a permit or approval of plans and specifications shall not be deemed or construed to be a permit for, or an approval of, any violation of any of the provisions of this Code. No permit presuming to give authority to violate or cancel the provisions of this Code shall be valid, insofar as the work or use, which it authorizes, is lawful.

The issuance or granting of a permit or approval of plans shall not prevent the administrative authority from thereafter requiring the correction of errors in said plans and specifications or from preventing construction operations being carried on hereunder when in violation of this Code or of any other ordinance or from revoking any certificate of approval when issued in error.

SECTION 9. THAT Section 6-81.8 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.8. Means of appeal.

109. Means of appeal. This entire section is amended to read:

1. Plumbing and mechanical board. The Building Board of Appeals shall serve as the plumbing board of the City of Lubbock and shall perform the duties set out herein or as may be hereafter specified by the City.
2. It shall be within the power and duty of this board to examine new developments and changing conditions for additions, deletions, amendments and changes to the plumbing code from time to time as it may deem proper, and to submit to the City Council its written suggestions for the improvement of the plumbing code of the City.
3. Appeals to the board may be made by the City Building Official or any interested person and it is hereby made the power and duty of the board when disputes arise between any person, firm, association, partnership or corporation as to the meaning of the plumbing code to interpret same, and when a majority of said board has interpreted the plumbing code as to its meaning, said interpretation by the board shall be final and binding on all persons, firms, associations, partnerships and corporations.
4. In cases where the International Plumbing Code gives discretionary power to the building official to permit deviation from the provisions of said code, only those deviations or changes approved by the building official involving required material substitutions must also be approved by the board before the same can be performed in the City of Lubbock.

SECTION 10. THAT Section 6-81.9 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-81.9. Certificate of insurance; bond.

110. Certificate of insurance; bond. A new section 110 is hereby added to the International Plumbing Code, which shall read as follows:

Any person, firm, corporation or association seeking to acquire any permit required under this chapter shall have in force the following insurance:

1. One hundred thousand dollars (\$100,000.00) of comprehensive general liability insurance, per occurrence, including coverage for bodily injury

and property damage with products liability and completed operations coverage; and

2. Workman's compensation coverage as required by state law.
3. A compliance surety bond in the amount of ten thousand dollars (\$10,000.00) may be substituted for the above insurance.

Prior to issuance of any permit, such applicant shall furnish the building official with a certificate of insurance evidencing the required insurance coverage or with a valid bond in the amount stated above, if applicable. These requirements shall not apply to a homeowner seeking a permit to work on his own residence.

The insurance coverage shall include a provision that in the event such insurance coverage or bond is canceled or reduced, the insurance carrier or bond surety shall notify the building official at least ten (10) days prior to such cancellation or reduction in coverage. An applicant's permit shall be automatically suspended during any period in which the applicant fails to maintain in effect the required insurance coverage or bond.

SECTION 11. THAT Section 6-82 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-82. Reserved.

SECTION 12. THAT Section 6-83 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-83. Pipes through or under footings or foundation walls.

305.5 Pipes through or under footings or foundation walls.

Any pipe that passes through a foundation wall shall be provided with a pipe sleeve two pipe sizes or greater than the pipe passing through the wall.

SECTION 13. THAT Section 6-83.1 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-83.1. Over-excavation.

306.2.1 Over-excavation.

Where trenches are excavated below the installation level of the pipe such that the bottom of the trench does not form the bed for the pipe, the trench shall be backfilled to the installation level of the bottom of the pipe placed in layers of 6 inches (152 mm) maximum depth and such backfill shall be compacted after each placement.

SECTION 14. THAT Section 6-83.2 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-83.2 Drainage and vent water test.

312.2 Drainage and vent water test. Amend to read:

A water test shall be applied to the drainage system either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly closed, except the highest opening, and the system shall be filled with water to point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest openings of the section under test, and each section shall be filled with water, but no section shall be tested with less than a **5-foot head of water above floor height**. In testing successive sections, at least the upper 10 feet of the next preceding section shall be tested so that no joint or pipe in the building, except the uppermost 10 feet of the system, shall have been submitted to a test of less than a **5-foot head of water above floor height**. The water shall be kept in the system, or in the portion under test, for at least 15 minutes before inspection starts. The system shall then be tight at all points.

SECTION 15. THAT Section 6-83.3 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-83.3. Gravity sewer test.

312.6 Gravity sewer test. Amend to read:

Gravity sewer tests shall consist of plugging the end of the building sewer at the point of connection with the public sewer, filling the building sewer with water, testing with not less than a **5-foot** head of water and maintaining such pressure for 15 minutes.

SECTION 16. THAT Section 6-83.4 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-83.4. Auxiliary and secondary drain systems.

314.2.3 Auxiliary and secondary drain systems. Amend by adding item number 4.

4. Substitute a condensate high-level cutoff switch in lieu of a drain pan.

SECTION 17. THAT Section 6-84 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-84. Sheet lead.

402.4 Sheet lead. Amend to read:

Sheet lead for pans shall not weigh less than **2 ½ pounds** per square foot coated with an asphalt paint or other approved coating.

SECTION 18. THAT Section 6-84.1 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-84.1 Sheet lead.

417.5.2.3 Sheet lead. Amend to read:

Sheet lead shall not weigh less than **2 ½ pounds** per square foot coated with an asphalt paint or other approved coating. The lead sheet shall be insulated from conducting substances other than the connecting drain by 15-pound asphalt felt or its equivalent. Sheet lead shall be joined by burning.

SECTION 19. THAT Section 6-85 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-85. Discharge.

504.6.1 Discharge. Amend to read:

The relief valve shall discharge full size to a safe place of disposal such as the flow, outside the building, or an indirect waste receptor. The discharge pipe shall not have any trapped sections and shall have a visible air gap or air break fitting located in the same room as the water heater. The discharge shall be installed in a manner that does not cause personal injury to occupants in the immediate area or structural damage to the building.

SECTION 20. THAT Section 6-86 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-86. Water hammer.

604.9 Water hammer. Amend to read:

The flow velocity of the water distribution system shall be controlled to reduce the possibility of water hammer. An air chamber or a water-hammer arrestor shall be installed where quick-closing valves are utilized, unless otherwise approved. Water-hammer arrestors shall be installed in accordance with the manufacturer's specifications. Water-hammer arrestors shall conform to ASSE 1010.

SECTION 21. THAT Section 6-86.1 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-86.1. Water service pipe.

605.4 Water service pipe.

Water service pipe shall conform to NSF61 and shall conform to one of the standards listed in Table 605.4. All water service pipe or tubing, installed underground and outside of the structure, shall have a minimum working pressure rating of 160 psi at 73.4 degrees F. Where the water pressure exceeds 160 psi, piping material shall have a minimum rated working pressure equal to the highest available pressure. Plastic water service piping shall terminate not less than 2 feet outside the point of entry into a building. All ductile iron water pipe shall be cement mortar lined in accordance with AWWA C104.

SECTION 22. THAT Section 6-86.2 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-86.2. Solvent cementing.

605.21.2 Solvent cementing. Amend to read:

Joint surfaces shall be clean and free from moisture. A purple primer that conforms to ASTM F 656 shall be applied. Clear primer in lieu of purple is acceptable where joints are accessible. Solvent cement not purple in color and conforming to ASTM D 2564 or CSA CAN/CSA-B137.3 shall be applied to all joint surfaces. The joint shall be made while the cement is wet and shall be in accordance with ASTM D 2855. Solvent-cement joints shall be permitted above or below ground.

SECTION 23. THAT Section 6-86.3 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-86.3. Location of full-open valves.

606.1 Location of full-open valves. Full open valves shall be installed in the following locations;

1. On the building water service pipe from the public water supply.
2. On the water distribution supply pipe at the entrance into the structure if the water meter is more than 100 feet from the building.
3. On the water supply pipe to a gravity or pressurized water tank.
4. On the water supply pipe to every water heater.

SECTION 24. THAT Section 6-86.4 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-86.4. Location of shut off valves.

606.2 Location of shut off valves. Shutoff valves shall be installed in the following locations:

1. On the fixture supply to each plumbing fixture in other than one- and two-family and multiple-family residential occupancies, and other than in individual guestrooms that are provided with unit shutoff valves in hotels, motels, boarding houses and similar occupancies.
2. On the water supply pipe to each appliance or mechanical equipment.

SECTION 25. THAT Section 6-86.5 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-86.5. Water-tight casings.

608.17.4 Water-tight casings. Amend sub-section to read:

Each well shall be provided with a water-tight casing to minimum distance of 10 feet below the ground surface. All casings shall extend at least **12 inches** above the well platform. The casing shall be large enough to permit installation of a separate drop pipe. Casings shall be sealed at the bottom in

an impermeable stratum or extend several feet into the water-bearing stratum.

SECTION 26. THAT Section 6-87 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-87. Slope of horizontal drainage pipe.

704.1 Table, Slope of Horizontal Drainage.

TABLE 704.1
SLOPE OF HORIZONTAL DRAINAGE

SIZE (inches)	MINIMUM SLOPE (inch per foot)
2 ½ or less	¼
3 to 5	1/8
6 or larger	1/16

SECTION 27. THAT Section 6-87.1 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-87.1. Solvent cementing.

705.8.2 Solvent cementing. Amend to read:

Joint surfaces shall be clean and free from moisture. A purple primer that conforms to ASTM F 656 shall be applied. Clear primer in lieu of purple primer is acceptable where joints are accessible. Solvent cement not purple in color and conforming to ASTM D 2564 CSA CAN/CSA-B137.3, CSA CAN/CSA-B181.2 or CSA CAN/CSA-BV182.1 shall be applied to all joint surfaces. The joint shall be made while the cement is wet and shall be in accordance with ASTM D 2855. Solvent-cement joints shall be permitted above or below ground.

SECTION 28. THAT Section 6-87.2 of the Code of Ordinances of the City of Lubbock, Texas, is hereby amended to read as follows:

Sec. 6-87.2. Building drains and sewers.

Table 710.1(1). Amend table to read:

Table 710.1(1)
BUILDING DRAINS AND SEWERS

DIAMETER OF PIPE (inches)	MAXIMUM NUMBER OF DRAINAGE FIXTURE UNITS CONNECTED TO ANY PORTION OF THE BUILDING DRAIN OR THE BUILDING SEWER, INCLUDING BRANCHES OF THE BUILDING DRAIN			
	Slope per foot			
	1/16 inch	1/8 inch	¼ inch	½ inch
1 ¼	--	--	1	1
1 ½	--	--	3	3
2	--	--	21	26
2 ½	--	--	24	31
3	--	36	42	50
4	--	180	216	250
5	--	390	480	575
6	620	700	840	1000
8	1400	1600	1920	2300
10	2500	2900	3500	4200
12	3900	4600	5600	6700
15	7000	8300	10,000	12,000

For SI: 1 inch=25.4 mm, 1 inch per foot=0.8333 mm/m

- a. The minimum size of any building drain serving a water closet shall be 3 inches.

Sec. 6-87.3. Horizontal fixture branches and stacks.

Table 710.1(2). Amend to read:

Table 710.1(2)

HORIZONTAL FIXTURE BRANCHES AND STACKS

DIAMETER OF PIPE (inches)	MAXIMUM NUMBER OF DRAINAGE FIXTURE UNITS (dfu)			
	Total for a horizontal branch	Stacks		
		Total discharge into one branch interval	Total for stack of three branch intervals or less	Total for stack greater than three branch intervals
1 ½	3	2	4	8
2	6	6	10	24
2 ½	12	9	20	42
3	20	20	48	72
4	160	90	240	500
5	360	200	540	1100
6	620	350	960	1900
8	1400	600	2200	3600
10	2500	1000	3800	5600
12	3900	1500	6000	8400
15	7000	Footnote c	Footnote c	Footnote c

For SI: 1 inch =25.4 mm.

a. Does not include branches of the building drain. Refer to Table 710.1(1)

b. Stacks shall be sized based on the total accumulated connected load at each story or branch interval. As the total accumulated connected load decreases, stacks are permitted to be reduced in size. Stack diameters shall not be reduced to less than one-half of the diameter of the largest stack size required.

c. Sizing load based on design criteria.

SECTION 29. THAT Section 6-88 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-88. Reserved.

SECTION 30. THAT Section 6-89 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-89. Stack required.

903.1 Stack required. Amend to read:

Every building in which plumbing is installed shall have at least one stack a **minimum of 3”**. Such stack shall run undiminished in size and as directly as possible from the building drain through to the open air or to vent header that extends to the open air.

SECTION 31. THAT Section 6-89.1 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-89.1. Roof extension.

904.1 Roof Extension. Amend to read:

All open vent pipes that extend through a roof shall be terminated at least **10** inches above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least 7 feet above the roof.

SECTION 32. THAT Section 6-89.2 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec 6-89.2. Combination drain and vent system (installation).

912.2 Installation. Amend to read:

The only vertical pipe of a combination drain and vent system shall be a **45 degree or less at main take-off** and the connection between the fixture drain of a sink, lavatory or standpipe, and the horizontal combination drain and vent pipe. The maximum vertical distance shall be 8 feet.

SECTION 33. THAT Section 6-90 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-90. Reserved.

SECTION 34. THAT Section 6-91 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-91. Storm drainage-general (tests).

1101.4 Tests. Amend to read:

The storm drain shall be tested within the building only and shall not require 5 foot head, but roof drain level only.

SECTION 35. THAT Section 6-91.1 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-91.1. Continuous flow.

1101.5 Continuous flow. Amend by deleting sub-section.

SECTION 36. THAT Section 6-91.2 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-91.2. Combining storm with sanitary drainage.

1104.2 Combining storm with sanitary drainage. Amend by deleting sub-section.

SECTION 37. THAT Section 6-91.3 of the Code of Ordinances of the City of Lubbock, Texas, shall read as follows:

Sec. 6-91.3. Size of combined drains and sewers.

1108.1 Size of combined drains and sewers. Amend by deleting sub-section.

SECTION 38. THAT Section 6-92 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-92. Medical gas certification.

1202.2 Medical gas certification. Amend by adding a new section to read:

A medical gas certification must be furnished to the Building Inspections Department before a final will be approved.

SECTION 39. THAT Section 6-93 through Sec. 6-100 of the Code of Ordinances of the City of Lubbock, Texas shall read as follows:

Sec. 6-93 through Sec. 6-100. Reserved.

SECTION 40. THAT violation of any provision of this Ordinance shall be deemed a misdemeanor punishable as provided by Section 1-4 of the Code of Ordinances of the City of Lubbock.

SECTION 41. THAT should any paragraph, sentence, clause, phrase or word of this Ordinance be declared unconstitutional or invalid for any reason, the remainder of this Ordinance shall not be affected thereby.

SECTION 42. THAT the City Secretary is hereby authorized to cause publication of the descriptive caption of this Ordinance as an alternative method provided by law.

AND IT IS SO ORDERED.

Passed by the City Council on first reading this 10th day of October, 2002.
Passed by the City Council on second reading this 24th day of October, 2002.

MARC McDOUGAL, MAYOR

ATTEST:

Rebecca Garza, City Secretary

APPROVED AS TO CONTENT:

/s/ Aubrey Long
Aubrey Long, Assistant Building Official

APPROVED AS TO FORM:

/s/ John Knight
John Knight, Assistant City Attorney