

AN ORDINANCE AMENDING CHAPTER 8, "CONSTRUCTION REGULATIONS," BY AMENDING CERTAIN SECTIONS AS SET OUT BELOW; PROVIDING A SEVERABILITY CLAUSE; AND DECLARING A PENALTY.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ABILENE, TEXAS:

PART 1: That Chapter 8, "Construction Regulations," of the Abilene Municipal Code be amended as set out in Exhibits "A" and "B," attached hereto and made a part of this ordinance for all purposes.

PART 2: That if any provision or any section of this ordinance shall be held to be void or unconstitutional such holding shall in no way affect the validity of the remaining provisions or sections of this ordinance, which shall remain in full force and effect.

PART 3: That any person, firm or corporation violating any of the provisions of this chapter shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be punished by a fine of not more than Two Hundred Dollars (\$200.00). Each day such violation shall continue, or be permitted to continue, shall be deemed a separate offense. Said ordinance, being a penal ordinance, becomes effective ten (10) days after its publication in the newspaper as provided by Section 19 of the Charter of the City of Abilene, Texas.

PASSED ON FIRST READING this 1 day of November,
A.D. 19 84.

PASSED ON SECOND AND FINAL READING this 15 day of
November _____, A.D. 19 84.

ATTEST:

Patricia Patton
CITY SECRETARY

David Stubbeman
MAYOR

APPROVED:

Gary Landers
CITY ATTORNEY

EXHIBIT A

ORDINANCE NO. 111-1984

PART 1: Amend Chapter 8 by deleting all references to a plumbing code and adding a new section 8-511 as follows:

DELETE these sections:

Art. I - ~~S8-2, S8-17~~
Art. II - ~~S8-71 through 8-78~~
Art. III - ~~S8-124 through 8-139~~
Art. IV - ~~S8-331 through 8-332~~
Art. V - ~~S8-431 through 8-444~~
Art. VI - ~~S8-511 through 8-514~~

ADD:

Sec. 8-511. Uniform code adopted.

The 1982 edition of the Uniform Plumbing code, published by the International Association of Plumbing and Mechanical Officials, together with a plumbing code pamphlet amending and supplementing that code, are hereby adopted as the plumbing code for the City of Abilene. The plumbing code pamphlet along with the Uniform code shall be an appendix to this code and on file in the building official and city secretary's offices.

PART 2: The following Exhibit B shall be printed in pamphlet form for distribution with the 1982 Uniform code. The Exhibit B is hereby adopted.

EXHIBIT B

Amend the International Association of Plumbing and Mechanical Officials, "Uniform Plumbing code", 1982 Edition as follows:

"This Plumbing code pamphlet along with the 1982 edition of the International Association of Plumbing and Mechanical Officials' Uniform code (as supplemented and amended by this pamphlet) constitute the Plumbing code of the City of Abilene, Texas.

The adoption of these standards is codified in Chapter 8 "Construction Regulations" Art. VI. "uniform codes" Div. 4 "Plumbing code" of the Code of the City of Abilene, Texas, as adopted by Ordinance 110 -1984 on NOV. 15, 1984.

00582

PART 1. Delete the entire Part 1 and substitute the following:

**PART 1
ADMINISTRATION**

TITLE

10.1 This ordinance shall be known as the "Uniform Plumbing Code" and will be referred to as "this Code" herein.

PURPOSE

10.2 For the protection and preservation of life and of the public health, safety, property and the general welfare of the people, the following provisions are enacted relating to the installation, alteration or repair of pipes, fittings and fixtures for water, sewage and natural gas in all buildings and structures and on all property now erected or to be erected, changed, constructed, reconstructed, repaired or altered in the city, and outside the city, if the same be connected to either the city water, gas or sewerage systems. The intent and purpose of this chapter is to regulate the construction, erection, enlargement, alteration, maintenance or repair of all piping, fitting, fixtures, etc., used for the conduction of water, sewage and natural gas in or on and about any and all premises in the city, and outside the boundaries of the city, if the same be connected to either the city water, gas or sewerage systems.

SCOPE

10.3 The provisions of this Code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, maintenance or use of any plumbing system, except as otherwise provided for in this Code in the City of Abilene or connected to the water supply of the City of Abilene.

(b) This section shall not apply to that work done by authorized employees of the city in the laying of city water mains and services and city sewer mains and services, nor to the installation of gas distributing mains and services in the streets and alleys by authorized employees of any gas distributing company. (Code 1965, § 21-3)

EXISTING INSTALLATIONS

10.4 (a) Any plumbing system lawfully installed prior to the effective date of this Code may have its existing use, maintenance or repair continued if the use, maintenance or repair is in accordance with the original design and location and no hazard to the public health, safety or welfare has been created by such system.

(b) The owner or his designated agent shall be responsible for the maintenance of the plumbing system in a safe and sanitary condition.

AUTHORITY TO ABATE

10.5 (a) Any portion of a plumbing system found by the Administrative Authority to be insanitary, as defined herein, is hereby declared to be a nuisance.

(b) Where a nuisance exists or a plumbing system is maintained in violation of this Code or any notice issued pursuant to this section, the Administrative Authority shall require the nuisance or violation to be abated and, where necessary, shall seek such abatement in the manner provided by law.

The plumbing inspector shall have the power, and it shall be his duty, where any building, premises or construction contains improper or defective plumbing or where same has been constructed, erected, altered or repaired without a permit as provided by this chapter, to give prompt written notification to the utility involved to cut off the water or gas supply thereto until such improper or defective plumbing shall be made to comply fully with the provisions of this chapter, and a certificate to the plumbing inspector shall have been issued. (~~Ord. No. 602, 8-7-47~~)

~~Sec. 8-16, 1962 Code~~

ADMINISTRATIVE AUTHORITY

(the Building Official)

20.1 The Administrative Authority shall be the Authority duly appointed to enforce this Code.

DUTIES AND POWERS OF THE ADMINISTRATIVE AUTHORITY

20.2 (a) The Administrative Authority shall appoint plumbing inspectors and other employees as are authorized to carry out the functions of the department and this Code.

PLUMBING INSPECTOR REQUIREMENTS

(b) The plumbing inspectors are hereby made a part of the building inspection department of the City of Abilene. However, the enforcement of this chapter as written herein shall rest with the plumbing inspectors. They shall have had at least five years of satisfactory experience as a journeyman and/or master plumber and shall hold a plumbing inspector's license issued by the Texas State Board of Plumbing Examiners. The chief plumbing inspector shall have had at least five years of satisfactory performance as a journeyman and/or master plumber, at least one year of experience as a plumbing inspector and shall hold and keep in force a plumbing inspector's license issued by the Texas State Board of Plumbing Examiners. (Ord. No. 602, § 7.1)

RIGHT OF ENTRY

(c) Whenever necessary to make an inspection to enforce any of the provisions of this Code, or whenever the Administrative Authority or his authorized representative has reasonable cause to believe that there exists in any building or upon any premises, any condition which makes such building or premises unsafe as defined in this Code, the Administrative Authority or his authorized representative may enter such building or premises at all reasonable times to inspect the same or to perform any duty imposed upon the Administrative Authority by this Code, provided that if such building or premises be occupied, he shall first present proper credentials and demand entry; and if such building or premises be unoccupied, he shall first make a reasonable effort to locate the owner or other persons having charge or control of the building or premises and demand entry. If such entry is refused, the Administrative Authority or his authorized representative shall have recourse to every remedy provided by law to secure entry.

"Authorized Representative" shall include the persons named in Section 20.2 (a) of this Code.

(d) No owner or occupant or any other person having charge, care or control of any building or premises shall fail or neglect after proper demand is made as herein provided, to properly permit entry therein by the Administrative Authority or his authorized representative for the purpose of inspection and examination pursuant to this Code. Any person violating this subsection shall be guilty of a misdemeanor.

VIOLATION AND PENALTIES

20.3 Any person, firm or corporation violating any provision of this Code shall be deemed guilty of a misdemeanor and, upon conviction thereof, shall be punishable by a fine not to exceed \$1,000.00. Each separate day or any portion thereof, during which any violation of this offense and, upon conviction thereof, shall be punishable as herein provided. The 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, except insofar as the work or use which it authorized 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 thereunder when in violation of this Code or of any other ordinance or from revoking any certificate of approval when issued in error.

Every permit issued by the Administrative Authority under the provisions of this Code shall expire by limitation and become null and void, if the work authorized by such permit is not commenced within 120 days from date of issuance of such permit, or if the work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of one hundred twenty (120) days. Before such work can be recommenced, a new permit shall be first

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obtained to do so, and the fee therefor shall be one-half the amount required for a new permit for such work, provided no changes have been made, or will be made in the original plans and specifications for such work; and provided, further, that such suspension or abandonment has not exceeded one (1) year.

PERMIT REQUIRED

20.4 (a) It shall be unlawful for any person to install, remove, alter, repair or replace or cause to be installed, removed, altered, repaired or replaced any plumbing, gas or drainage piping work or any fixture or water heating or treating equipment in a building or premises without first obtaining a permit to do such work from the Administrative Authority.

(b) A separate permit shall be obtained for each building or structure.

(c) A permit shall be required prior to attachment of any testing device to an installed line by any person, including the homeowner. (Test of gas lines shall not be considered minor repairs.)

(d) No person shall allow any other person to do or cause to be done any work under a permit secured by a Permittee except persons in his employ. Work done under Homeowner permit may not be contracted to anyone other than a plumber licensed under the provisions of this Code.

(e) An industrial waste discharge permit will be required by any person in the monitored group desiring to discharge an industrial waste mixture into the sewer system of the city, or any sewer connected therewith or any person using the Buck Creek disposal site shall make an application to the city on application forms to be obtained from the Industrial Waste Office. The monitored group is any person who discharges twenty-five thousand (25,000) gpd or greater; or who is monitored by the City and required to obtain an Industrial Waste permit because of the abnormal strength or content of the waste discharge.

(f) Any person who shall wilfully make any false statement in order to obtain a permit shall be guilty of a misdemeanor and subject to the penalty provided herein. Bad faith or unreasonable delay in the performance of plumbing work shall be deemed a sufficient reason for subjecting the plumber so offending to a suspension of the permit and no further permit shall be issued until such act of bad faith or unreasonable delay has been corrected. (Code 1965, § 21-24)

(g) Every permit issued under the provisions of this chapter shall expire ninety (90) days after the date thereof unless the work authorized by such permit shall have been commenced within such time, and every permit shall expire if the work authorized by such permit is suspended or abandoned for as long as ninety (90) days after it has been commenced. In every case, where a permit is permitted to expire, a new permit shall be obtained before any work is resumed. (Code 1965, § 21-25)

WORK NOT REQUIRING A PERMIT

20.5 No permit shall be required in the case of any repair work as follows: The stopping of leaks in drains, soil, waste or vent pipe, provided, however, that should any trap, drainpipe, soil, waste or vent pipe be or become defective and it becomes necessary to remove and replace the same with new material in any part or parts, the same shall be considered as such new work and a permit shall be procured and inspection made as hereinbefore provided. No permit shall be required for the cleaning of stoppages or the repairing of leaks in pipes, valves, or fixtures, when such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

APPLICATION FOR PERMIT

20.6 Any person legally entitled to apply for and receive a permit shall make such application on forms provided for that purpose. He shall give a description of the character of the work proposed to be done, and the location, ownership, occupancy and use of the premises in connection therewith. The Administrative Authority may require plans, specifications or drawings and such other information as he may deem necessary.

If the Administrative Authority determines that the plans, specifications, drawings, descriptions or information furnished by the applicant is in compliance with this Code, he shall issue the permit applied for upon payment of the required fee as hereinafter fixed.

(a) Only those persons licensed in accordance with Section 20.6A shall be entitled to receive a permit.

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Sec. 20.6A PLUMBING LICENSE REQUIRED

All persons who engage in or work at the actual installation, alteration, repair and renovating of plumbing shall possess either a master or journeyman plumber's license or an apprentice plumber's registration card in accordance with the provisions of the Plumbing License Law of 1947. (Ord. No. 602, § 5.1)

Sec. 20.6B BOND REQUIRED

Before any person shall engage in the business of plumbing in the city, he, it or they shall first obtain the proper license and deposit with the city a good and sufficient bond in the sum of one thousand dollars (\$1,000.00), conditioned that the person engaged in the plumbing business will faithfully observe all the laws pertaining to plumbing; further, that the city shall be indemnified and saved harmless from all claims arising from accidents and damage of any character whatsoever caused by the negligence of such person engaged in the plumbing business, or by any other unfaithful, inadequate work done either by themselves or their agents or employees.

Said bond shall cover sprinkler piping. (Code 1965, § 21-34)

Sec. 20.6C EXEMPTIONS

The following acts, work and conduct shall be expressly permitted without a license:

- (a) Home owner. Plumbing work done by a property owner in a building owned and occupied by him as his home.
- (b) Maintenance, utility and appliance work. Plumbing work done by anyone who is regularly employed as 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; construction, installation and maintenance work done upon the premises or equipment of a railroad by an employee thereof who does not engage in the occupation of a plumber for the general public; and plumbing work done by persons engaged by any public service company in the laying, maintenance and operation of its service mains or lines and the installation, alteration, adjustment, repair, removal and renovation of all types of appurtenances, equipment and appliances; appliance installation and service work done by anyone who is a licensed mechanical contractor or is employed by a licensed mechanical contractor in connecting appliances to existing piping installations; provided, however, that all work and service herein named or referred to shall be subject to inspection and approval in accordance with the terms of all local valid city or municipal ordinances. (Ord. No. 602, § 6.1) (Sec. 6-230, 1982 Code)

COST OF PERMIT

20.7 Every applicant for a permit to do work regulated by this Code shall state in writing, on the application form provided for that purpose, the character of work proposed to be done and the amount and kind in connection therewith, together with such information, pertinent thereto, as may be required.

Such applicant shall pay for each permit, at the time of issuance, a fee in accordance with the following schedule, and at the rate provided for each classification shown herein.

Any person who shall commence any work for which a permit is required by this Code without first having obtained a permit therefor shall, if subsequently permitted to obtain a permit, pay double the permit fee fixed by this section for such work, provided however, that this provision shall not apply to emergency work when it shall be proved to the satisfaction of the Administrative Authority that such work was urgently necessary and that it was not practical to obtain a permit therefor before commencement of the work. In all such cases, a permit must be obtained as soon as it is practical to do so, and if there be an unreasonable delay in obtaining such permit, a double fee as herein provided shall be charged.

For the purpose of this section, a sanitary plumbing outlet or to which a plumbing fixture or appliance may be set or attached shall be construed to be a fixture. Fees for reconnection and retest of plumbing systems in relocated buildings shall be based on the number of plumbing fixtures, gas systems, water heaters, etc., involved.

When a permit has been obtained to connect an existing building or existing work to the public sewer or to connect to a new private disposal facility, backfilling of private sewage disposal facilities abandoned consequent to such connection is included in the permit.

The permit and inspection fees herein provided shall be paid to the City before the issuance of a permit and before any work is started. The fees shall be as follows: First fixture, seven dollars and fifty cents (\$7.50) and each additional as shown:

TABLE OF FEES

Minimum fee.....	\$ 7.50
Reinspection fee.....	10.00
Retest*.....	7.50
Water closets.....	1.50
Bath tubs.....	1.50
Lavatories.....	1.50
Kitchen sinks.....	1.50
Pantry sinks.....	1.50
Service sinks.....	1.50
Urinals.....	1.50
Showers.....	1.50
Sand traps.....	1.50
Grease traps.....	2.50
Condensate drains.....	1.50
Water heaters.....	1.50
Floor drains.....	1.50
Disposals.....	1.50
Dishwashers.....	1.50
Water fountains.....	1.50
Bath heater.....	1.50
Washing machine.....	1.50
Yard hydrant.....	1.50
Mobile home sewer p-trap.....	3.00
Septic tank.....	7.50
Sewer.....	3.00
Gas service line.....	3.00
Gas dryer.....	3.00
Outside appliances.....	3.00
Boiler to 3 HP.....	3.00
Boiler over 3 HP.....	6.00
Boiler over 15 HP.....	9.00
Pumps for gasoline or other volatiles.....	4.00
Storage tanks for gasoline or other volatiles.....	4.00
Plumber's bond.....	\$1,000.00
Water softener.....	7.50
Sprinkler permit.....	7.50
Anti-syphon device through 2" (back flow preventer).....	10.00
Anti-syphon device over 2" (back flow preventer).....	18.00
Tie-in.....	5.00

*Retest for new mobile home installation in mobile home park is included in a mobile home installation permit.

ALL WORK TO BE INSPECTED

20.8 All plumbing and drainage systems shall be inspected by the Administrative Authority to insure compliance with all the requirements of this Code.

NOTIFICATION

20.9 It shall be the duty of the person doing the work authorized by the permit to notify the Administrative Authority, orally or in writing, that said work is ready for inspection. Such notification shall be given not less than twenty-four (24) hours before the work is to be inspected.

It shall be the duty of the person doing the work authorized by the permit to make sure that the work will stand the test prescribed elsewhere in this Code, before giving the above notification.

STOP ORDERS

20.10 Whenever any work is being done contrary to the provisions of this Code, the Administrative Authority or his authorized representative may order the work stopped by notice in writing served on any persons engaged in the doing or causing such work to be done, and any such person shall forthwith stop such work until authorized by the Administrative Authority to proceed with the work.

SUSPENSION OR REVOCATION

20.11 The Administrative Authority may, in writing, suspend or revoke a permit issued under the provisions of this Code, whenever the permit is issued in error or on the basis of incorrect information supplied, or in violation of any ordinance or regulation of any provisions of this Code.

LIABILITY

20.12 The Administrative Authority or any employee charged with the enforcement of this Code, acting in good faith and without malice for the jurisdiction in the discharge of his duties, shall not thereby render himself liable personally and he hereby is relieved from all personal liability for any damage that may accrue to person or property as a result of any act required or by reason of any act of omission in the discharge of his duties. Any suit brought against the Administrative Authority or employees, because of such act or omission performed by him in the enforcement of any provisions of this Code, shall be defended by the legal department of the jurisdiction until final termination of the proceedings.

UNCONSTITUTIONALITY

20.13 If any section, subsection, sentence, clause or phrase of this ordinance is, for any reasons, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this Ordinance. The Legislative Body hereby declares that it would have passed this Ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

PLUMBING APPEALS AND ADVISORY BOARD

Sec. 20.14 CREATED; MEMBERSHIP; TERM OF OFFICE OF MEMBERS; FILLING OF VACANCIES

(a) There is hereby created and established a board to be known as the plumbing appeals and advisory board of the City of Abilene, Texas, to be appointed by the Mayor with the approval of the City Council. Said board shall consist of five (5) voting and one ex-officio members:

1. One licensed master plumber with not less than five (5) years active and continuous experience as a licensed master plumber.
2. One licensed journeyman plumber of not less than five (5) years active and continuous experience;
3. One general contractor;
4. One licensed architect;
5. One private citizen; and,
6. The Building Official or his designee shall be an ex-officio nonvoting member of said board. (Code 1965, § 21-13, Ord. No. 602, § 8.1.1).

The Board members shall be appointed for the term of two years, so that three appointments shall end on even numbered years and two appointments shall end in odd numbered years. Provided, however, that if any members of the board shall become unable to act for any reason, resign the position, or shall be removed for any cause as hereinafter provided, then the Mayor with the approval of the City Council shall appoint a successor, or successors, to fill the unexpired term and until their respective successors shall be duly appointed. All members of the board herein provided shall serve without compensation. (Ord. No. 602, § 8.1)

The City Council may remove a member of the plumbing appeals and advisory board for cause.

Sec. 20.14B. ELECTION OF OFFICERS; ADOPTION OF RULES; RECORD OF PROCEEDINGS; QUORUM

The members of the board shall meet as soon after their appointment as practicable for the purpose of organization. The board shall formally elect a chairman, vice-chairman and a secretary. The Board may adopt such rules as it deems necessary for the orderly conduct of its affairs. A full and complete record of the proceedings of said board shall be kept. A majority of the board shall constitute a quorum for the transaction of business. (Ord. No. 56-1979, 8/23/79)

Sec. 20.14C. RIGHT OF APPEAL

Any person, firm or corporation aggrieved by any interpretation of this code or by any decision or ruling by the plumbing inspector under this code shall have the right to make an appeal to the plumbing appeals and advisory board. Appeals shall be made in writing.

SEC 20.14D HEARINGS BEFORE THE BOARD. Within a period of 30 days from the filing of the appeal, the board shall hear the appeal, together with the testimony of all parties concerned and render a decision thereon within three days thereafter. In hearing such an appeal, the board shall not have the power to waive or set aside the requirements of this code, but shall have the power to interpret its provisions and in case of alternate types of construction or material, shall determine whether or not such alternate type of construction or material is, in fact, equal to the standards of this code considering adequacy, stability, strength, sanitation and safety for the public health and welfare.

The appellant shall cause to be made at his own expense any tests or research required by the Board to substantiate his claims.

← The appellant may appear in person before the Board or be represented by an attorney and may introduce evidence to support his claims.

Sec. 20.14E APPEAL FROM BOARD DECISION

Any person, firm or corporation who may be aggrieved by the decision of the board shall have a right of appeal to the city council within ten days from the rendition of such decision. Said appeal shall be perfected by a written notice addressed to the ~~Mayor, City Council~~ asking for a hearing by the council, and the action of the city council thereon shall be final; except that due process shall not be denied and further appeal may be made to the nearest court of competent jurisdiction.

§20.14F ADVISORY RESPONSIBILITY OF BOARD

The board shall submit to the city council such recommendations for the improvement and revision of this code as it may from time to time deem necessary and proper in light of the development of new materials, methods or techniques which would result in a better and more economical installation. All requests for use of materials or methods not covered in this code shall be fully supported by factual evidence, or prior approval, from a recognized testing agency or such impartial qualified authority acceptable to the board. (Ord. No. 602, § 8.3)

PART 2. Amend the remaining Chapters and APPENDICES as follows;
CHAPTER 1

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 110 (c) Delete in its entirety and add:

(c) Industrial Waste: Any amount of a liquid waste and waterborne liquid, gaseous and solid substances discharged or disposed of from any industrial, manufacturing, trade or commercial establishment, including non-profit organizations, governmental agencies or business activities. Such term shall not include normal waste discharged from sanitary conveniences on the premises unless such waste water is commingled with the above.

Add the following sections:

Section 110 (f) "Irrigation Systems" means an assembly of component parts permanently installed with and for the controlled distribution and conservation of water for the purpose of irrigating any type of landscape vegetation in any location for the purpose of dust reduction or erosion control.

Section 110 (g) "Licensed Irrigator" means a person licensed by the Texas Board of Irrigators under a Licensed Irrigators Act Article 8751, V.T.S., who sells, designs, consults, installs, maintains, alters, repairs or services an irrigation system including the connection of such system in and to a private or public, raw or potable water supply system or any water supply.

CHAPTER 2

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 203 (a) Delete in its entirety and add:

(a) Use of Copper Tubing. Copper tube for underground drainage and vent piping shall have a weight of not less than that of copper drainage tube type M.

Section 203 (b) Delete in its entirety and add:

(b) Use of Copper Tubing. Copper tube for above ground drainage and vent piping shall have a weight of not less than that of copper drainage tube Type M.

Section 204 Delete in its entirety and add:

Lead. See Table A. Sheet lead shall be not less than the following:

For safe pans--not less than four (4) pounds (192 Pa) per square foot.

For flashings or vent terminals--not less than two (2) pounds (144 Pa) per square foot.

Lead Bends and lead traps shall not be less than one-eighth (1/8) inch (3.2 mm) wall thickness.

Section 206 (a) Floor Flanges. Delete in its entirety and add:

(a) Floor flanges for water closets or similar fixtures shall be of an approved type and shall be bronze, copper, hard lead, cast iron, galvanized malleable iron, PVC or other approved materials. Each such flange shall be approximately seven (7) inches (178 mm) in diameter and, when installed, shall, together with the soil pipe, present a one and one-half (1-1/2) inch (38 mm) wide flange or face to receive the fixture gasket.

Section 206 (c) Delete in its entirety and add:

(c) Flanges shall be burned or soldered to lead bends or stubs, shall be caulked to cast iron soil pipe, shall be solvent cemented to PVC and shall be screwed or fastened in an approved manner to other materials.

CHAPTER 3

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 305 Delete in its entirety and add:

Section 305 Industrial Wastes. Any person generating waste prohibited from discharge into a sanitary sewer by the Industrial Waste Ordinance shall pretreat or otherwise dispose of the prohibited waste so as to make the waste actually discharged to the sanitary sewer acceptable under the standards established in the Industrial Waste Ordinance for the City of Abilene. #100-1983.

Section 315. Protection of Piping Materials and Structures.

Add the following:

Section 315 (g) No bathtub shall be installed with fitting on outside wall unless it has an access door or complies with 904B.

Section 316 (b) (7) Hangers and Supports. Delete in its entirety and add:

Section 316 (b) (7) Plastic Pipe. Plastic pipe shall be supported according to manufacturer's recommendation.

Section 318 (b) (3) Inspection & Testing. Delete in its entirety and add:

Section 318 (b) (3) Water Test. The water test shall be applied to the drainage and vent systems 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 filled with water to point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest opening of the

section under test, and each section shall be filled with water, but no section shall be tested with less than 6" above the highest fixture rim. The water shall be kept in the system or in the portion under test for at least fifteen (15) minutes before inspection starts. The system shall then be tight at all points.

Section 318 (b) (5) Delete entire section.

Section 318 (b) (6) Add to section a sentence which reads:

Polybutylene pipe shall be tested at 125 psi.

CHAPTER 4

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 401. Materials. Delete in its entirety and add:

Section 401. Materials.

(a) Drainage piping shall be cast iron, lead, copper, brass, PVC, extra strength vitrified clay pipe, or other approved materials having a smooth and uniform bore, except that:

(1) No galvanized wrought iron or galvanized steel pipe shall be used underground and shall be kept at least six (6) inches (152.4 mm) above ground.

(2) PVC PWC piping installations shall be limited to 1 and 2 family dwellings and to non-fire rated walls in these structures. No-hub connectors for cast iron pipe shall not be used below slab on grade.

(3) No vitrified clay pipe or fittings shall be used above ground and shall be kept at least twelve (12) inches (.3 m) below ground.

(b) Drainage fittings shall be of cast iron, malleable iron, lead, brass, copper, ABS, PVC, vitrified clay, or other approved materials having a smooth interior waterway of the same diameter as the piping served and all such fittings shall conform to the type of pipe used.

(1) Fittings on screwed pipe shall be of the recessed drainage type. Burred ends shall be reamed to the full bore of the pipe.

(2) The threads of drainage fittings shall be lapped so as to allow one fourth (1/4) inch per foot (20.9 mm/m) grade.

TABLE 4-3

Size of Drainage Piping

Table 4-3 on page 44. Lists maximum unit loading and etc. on the horizontal line under Max. Units. Delete the one (1) under the 1 1/4 size pipe and insert 0. Delete the one (1) under the 1 1/2 size pipe and insert 0.

CHAPTER 5

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 503 (a) Materials. Delete in its entirety and add:

Section 503 (a) Materials. Vent pipe shall be cast iron, galvanized steel, galvanized wrought iron, lead, copper, brass, PVC or other approved materials except that:

Section 503 (a) (1) Delete in its entirety.

Section 503 (a) (2) Delete in its entirety and add:

(1) PVC DWV piping installation shall be limited to 1 and 2 family dwellings and to non-fire rated walls in these structures.

CHAPTER 6

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 601 (b) Indirect Waste Piping. Delete second paragraph.

Section 604 (a) Indirect Waste Receptors. Delete in its entirety and add:

Section 604 (a) All plumbing fixtures or other receptors receiving the discharge of indirect waste pipes shall be approved for the use proposed and shall be of such shape and capacity as to prevent splashing or flooding and shall be located where they are readily accessible for inspection and cleaning. No standpipe receptor for any clothes washer shall extend more than thirty (30) inches (.8 m), nor less than eighteen (18) inches (.5 m) above its trap. No trap for any clothes washer standpipe receptor shall be installed below the floor, but shall be roughed-in not less than 18" above its trap and not more than 18" above the floor. No indirect waste receptor shall be installed in any toilet room, closet, cupboard or storeroom, nor in any other portion of a building not in general use by the occupants thereof; except standpipes for clothes washers may be installed in toilet and bathroom areas when the clothes washer is installed in the same room.

Section 612 (g) Chemical Waste. Add to end of section:
(Industrial Waste Office, City of Abilene)

Section 612 (h) Add to end of section:
However, chemical discharge must comply to limits established by the City of Abilene under the Industrial Waste Ordinance.

CHAPTER 7

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 703 (a) Traps Described. Delete in its entirety and add:

Section 703 (a) Each trap, except one for an interceptor or similar device shall be self-cleaning. Traps for bathtubs, showers, lavatories, sinks, laundry tubs, floor drains, hoppers, urinals, drinking fountains, dental units and similar fixtures shall be of standard design and weight and shall be of cast brass, cast iron, lead, PVC Schedule 40 or other approved material. An exposed and readily accessible drawn brass tubing trap, not less than 17 B&S gauge (.045") (1.1 mm) may be used on fixtures discharging domestic sewage but shall exclude urinals. 20 gauge may be used on sinks and lavatories. Each trap shall have the manufacturer's name stamped legibly in the metal of

Section 1003 (h) Cross Connection Control. Delete in its entirety and add:

Section 1003 (h) Lawn Sprinkling Systems. Irrigation systems shall be equipped with an approved Double Check Assembly backflow preventer, installed between the potable water supply and water control valves in an accessible location for testing and servicing. When located below grade, it must be in an approved box of adequate size to permit working access to both sides.

Irrigation systems incorporating a pressure chemical injection system shall be equipped with an approved Reduced Pressure Principle device. Such device being installed above ground in a location so as to insure that the device will not be submerged during operation.

Atmospheric Vacuum Breakers may be installed in either of the two following ways:

A. A separate Atmospheric Vacuum Breaker shall be installed at a height of 6" above the highest head, and on the discharge side of each water control valve and all of the sprinkler heads such valve controls.

B. A single Atmospheric Vacuum Breaker may be installed in the pressure main only if there is a single automatic master water control valve in the pressure main. The automatic master water control valve shall be installed between the potable water supply and the Atmospheric Vacuum Breaker.

An Atmospheric Vacuum Breaker shall not be subjected to continuous pressure on the supply side.

Section 1003 (i) Add at end of section:
, or installed 4" above grade.

Section 1008 (a) Installation, Inspection and Testing. Delete in its entirety and add:

Section 1008 (a) Installation. All water piping shall be adequately supported to the satisfaction of the Administrative Authority. Burred ends shall be reamed to the full bore of the pipe or tube. Changes in direction shall be made by the appropriate use of fittings, except that changes in direction of copper tubing may be made with bends provided that such bends are made with bending equipment which does not deform or create a loss in cross sectional area of the tubing. Provisions shall be made for expansion in hot water piping. All piping, equipment, appurtenances and devices shall be installed in a workman-like manner in conformity with the provisions and intent of the Code. All water service yard piping shall be at least 18" below finish grade.

Section 1008 (c) Delete in its entirety and add:

Section 1008 (c) (1) When a probability exists that copper pipe will come in contact with dissimilar piping or with any other copper piping such copper pipe will be wrapped or otherwise insulated by a minimum 1/8th inch thickness of approved non-conductive, non-corrosive and non-deteriorating material. April 21, 1977.

CHAPTER 11

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 1105 Size of Building Sewer. Add to end of section:
But in no case shall the building sewer be less than 4".

Section 1107 (b) Cleanouts. Delete in its entirety.

Section 1107 (g) Add a Section 1107 (g) to read:

Section 1107 (g) Manholes shall comply with City of Abilene Engineering Department standards.

CHAPTER 12

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 1212 (a) Material for Gas Piping. Delete in its entirety and add:

Section 1212 (a) All pipe used for the installation, extension, alteration or repair of any gas piping shall be standard weight wrought iron or steel (black), yellow brass (containing not more than seventy-five (75) percent copper), or internally tinned or equivalently treated copper of iron pipe size. Approved PE pipe may be used in exterior buried piping systems.

Section 1213 (1) Installation of Gas Piping. Delete in its entirety and add:

Section 1213 (1) All gas outlets located in a barbecue or fireplace shall be controlled by an approved operating valve located in the same room and outside the hearth, but not more than four (4) feet (1.2 m) from such outlets. When piping on the discharge side of any such control valve is standard weight brass, such piping may be embedded in or surrounded by not less than two (2) inches (50.8 mm) of concrete or masonry.

CHAPTER 13

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

Section 1310 (c) Protection from Damage. Add to end of section:
All water heaters shall be provided with a pan where in the event of a leak, damage may occur to the interior finishes.

APPENDIX A

Adopt 1982 Uniform Plumbing Code in its entirety.

APPENDIX B

Adopt 1982 Uniform Plumbing Code in its entirety.

APPENDIX C

Amend opening paragraph preceding table to read:

APPENDIX C
Minimum Plumbing Facilities

Each building shall be provided with sanitary facilities, including provisions for the physically handicapped, as prescribed by the Texas State Board of Controls, Elimination of Architectural Barriers, P. O. Box 13047, Capitol Station, Austin, Texas 78711.

Delete paragraph preceding Footnote 1 and add:
Whenever urinals are provided; one (1) water closet less than the number specified may be provided for each urinal installed, except the number of water closets in such cases shall not be reduced to less than one third (1/3) of the minimum specified.

Add a Footnote Number 14 which reads:

14. This table is to be considered as a basic guide. The numbers contained herein may be modified upon the written recommendation of a licensed architect or licensed professional engineer.

APPENDIX D

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

D1 (a) Material. Delete in its entirety and add:

D1 (a) Rainwater piping placed within the interior of a building or run within a vent or shaft shall be of cast iron, galvanized steel, wrought iron, brass, copper, lead, Schedule 40 PVC or other approved materials.

PVC piping installations shall be limited to 1 and .2 family dwellings.

D1 (c) Delete in its entirety and add:

D1 (c) Rainwater piping located underground within a building shall be of service weight cast iron, type L copper tube, Schedule 40 PVC or other approved materials.

APPENDIX E

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

- E9 (d) Mobile Home Lot Drain Inlet and Lateral. Delete in its entirety and add:
 (d) All materials used for sewer connections between a mobile home and the inlet shall be rigid corrosion resistant, non-absorbent and durable. The inner surface shall be smooth.
- E12 (a) Trap. Delete in its entirety and add:
 (a) Each lot drain inlet shall be provided with an effectively vented trap not less than four (4) inches (102.4 mm) in diameter for inlets designed to receive the discharge of vehicles equipped with toilets.
- E15 (2) Wet Vented Systems. Delete in its entirety and add:
 (2) Wet vented drainage shall not be less than 4" in diameter.
- E16 Systems Without Traps. Delete in its entirety.
- E17 Pipe Size. Delete Table E-1 in its entirety and add:

TABLE E-1
 Drainage Pipe Diameter and
 Number of Fixture Units on Drainage System

Size of Drainage Pipe (inches) (mm)	Max. no. of fixture units individually vented system	Max. no. of fixture units wet vented system	Terminal and relief and vent-wet vented system	
			(inches)	(mm)
4	180	35	3	76.2
5	356	180	4	101.6
6	600	356	4	101.6

E17 (c) Delete in its entirety.

- E18 (a) Mobile Home Drain Connectors. Delete in its entirety and add:
 (a) A mobile home shall be connected to the park drain inlet by means of a drain connector consisting of approved pipe not less than Schedule 20, appropriate fittings and connectors, and not less in size than the mobile home drain outlet. The fitting connected to the park drain inlet shall be a directional fitting to discharge the flow into the drain inlet.
- E27 Mechanical Protection. Delete in its entirety and add:
 E27 Mechanical Protection. Backflow preventers and pressure relief valves shall be protected from damage by vehicles or other causes. Such protection may consist of posts, fencing, or other permanent barriers.
- E36 (b) Installation. Delete in its entirety.
- E39 Mobile Home Lot Shutoff Valve. Delete in its entirety and add:
 E39 Each mobile home lot shall have an approved gas shutoff valve installed upstream of the mobile home lot gas outlet and located on the outlet riser height of not less than four (4) inches (101.6 mm)

above grade. Such valve shall not be located under any mobile home and park owned meters shall be readily accessible, within twenty (20) feet of the mobile home. Refer to Section 1213 for location of gas shut-off.

E40 (b) Mobile Home Gas Outlet. Add to end of section:

This paragraph refers only to the construction of the mobile home lot.

E41 Mobile Home Connector. Delete in its entirety and add:

Each mobile home shall be connected to the mobile home outlet by approved pipe and pipe fittings. If the fuel gas being supplied is LPG, the connection shall be made with copper tubing or an approved mobile home connector. The amount of exposed horizontal piping from the mobile home lot riser to the mobile home shall not exceed two (2) feet. Gas piping or connectors shall be of a size to adequately supply the total demand of the connected mobile home.

E63 Delete in its entirety and add:

Shower areas shall be of the individual type, be screened from view, and be not less than 30 inches (0.8 m) by 30 inches (0.8 m) in area. Each shower area shall be designed to minimize the flow of water into the dressing area and shall be properly connected to the sewage system by means of the trapped inlet.

E76 Delete the table and add:

Maximum Number of Recreational Vehicle Stands Served	Minimum Pipe Sizes Inches (ID)		(mm)
	Nominal		
36	4		101.6
71	5		127
120	6		152.4
440	8		203.2

E84 Delete in its entirety and add:

Each drain inlet shall be protected from movement by being cased in a concrete slab no less than three and one-half (3 1/2) inches in thickness and surrounding the inlet not less than six (6) inches on any side, or by equivalent protection. It shall be provided with a tight-fitting plug or cap which shall be secured by a durable chain (or equivalent) to prevent loss.

APPENDIX G

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

G1 Delete in its entirety and add:

Unpolluted swimming pool water shall be drained into the storm sewer or alleys unless it is determined to be a health or safety hazard. It is the purpose herein that swimming pool water normally be discharged into natural drainageways leading to the nearest watercourse, such as alleys or along curblines or gutters.

G2 Delete in its entirety and add:

Filter backwash water from swimming pool filters may discharge into the sanitary sewer if the flow rate does not exceed twenty gallons per minute and the pool itself cannot drain directly into the sanitary sewer.

Exhibit B

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APPENDIX H

Adopt 1982 Uniform Plumbing Code in its entirety with the following exceptions:

- H3 (a) Location. Delete in its entirety and add:
- (a) Each grease interceptor shall be so installed and connected that it shall be at all times easily accessible for inspection, cleaning and removal of the intercepted grease. Location of the grease interceptor shall meet the approval of the Administrative Authority.

APPENDIX I

Delete entire chapter and add:

Private sewage disposal systems shall be installed using the Texas State Construction Standards for private sewage systems.

END