

AMENDING CHAPTER 6

AN ORDINANCE AMENDING CHAPTER 6 OF THE GREENSBORO CODE OF ORDINANCES WITH RESPECT TO BUILDINGS AND BUILDING REGULATIONS

(Editor's Note: Added text shown with underlines and deleted text shown with strikethroughs)

Section 1. That Section 6-2, is hereby amended to read as follows:

Sec. 6-2. - Inspectors' conflict of interest.

It shall be unlawful for an inspector in the building inspection department to engage in any contractual business, such as building, electrical, plumbing, heating or air conditioning, or have any other financial interest in any concern engaging in any of such businesses within the City of Greensboro jurisdiction at any time while holding office as an inspector.

Section 2. That Section 6-22, is hereby amended to read as follows:

Sec. 6-22. - State building code.

- (a) The North Carolina State Building Code as amended and adopted by the North Carolina Building Code Council shall be in effect as modified by the building code council in the City of Greensboro and shall be applicable to all construction activities to which the code applies.
- (b) The following ~~volumes~~ technical codes of the North Carolina State Building Code as amended shall be applicable to construction activities:

Administration Code & Policies ~~Enforcement Requirements~~

Accessibility Code

Building Code (General Construction)

Plumbing Code

Mechanical Code

Electrical Code

Fire Prevention Code

Fuel Gas Code

Residential Code

Modular Construction Requirements

Existing Building Code

Energy Conservation Code

Rehabilitation Code

Section 3. That Section 6-56, is hereby amended to read as follows:

Sec. 6-56. - Permit generally.

- (a) No person shall commence or proceed with the construction, alteration, repair, removal or demolition of any single building or other structure or part thereof without a written permit therefor from the building inspector except for building construction that is exempted from permit requirements under the North Carolina State Building Code. The copy of the permit shall be kept on the premises for public inspection during the prosecution of the work and until completion of the same. An identification placard showing the permit number signed by the building inspector shall be conspicuously posted on the site readily visible from the street.
- (b) A permit for the demolition, tearing down, or wrecking of any single building or structure or part thereof shall be issued only to the following:
 - (1) A general contractor licensed by the North Carolina Licensing Board for General Contractors, or
 - (2) A demolition contractor, ~~where the cost or value of the demolition, tearing down, or wrecking is less than thirty thousand dollars (\$30,000.00), or~~
 - (3) An owner, ~~provided the cost or value of the undertaking is less than thirty thousand dollars (\$30,000.00);~~

provided that for all commercial demolition, including demolition of non-commercial buildings or structures where the demolition is part of commercial or public use development, the applicant for the permit provides the city with a state-issued National Emission Standards for Hazardous Air Pollutants (NESHAP) number and a state-issued asbestos removal permit, when such permit is required by state law; provided further that for all residential demolition, ~~the cost or value of which is thirty thousand dollars (\$30,000.00) or more~~, the applicant provides the city with an asbestos report from a state accredited asbestos inspector which states whether the structure being demolished contains regulated asbestos-containing material (as defined in Title 40 of the Federal Code of Regulations Part 61.141) in combined amounts exceeding two hundred sixty (260) linear feet on pipes or one hundred sixty (160) square feet on other structure components or thirty-five (35) cubic feet off such components where the length or area cannot be measured in linear or square feet.

Any person receiving a permit under this subsection shall, in the performance of the work, comply with the State Building Code and all other applicable state and local laws, rules and regulations.

- (c) No person shall erect, alter or repair any billboard or sign without first securing a permit from the building inspector except for sign construction that is exempted from permit requirements under the North Carolina State Building Code. ~~; provided, however, that this section shall not apply to those signs exempted by section 3-55, subsection (d).~~

- (d) All applications for permits required by this article shall be approved or disapproved by the building inspector within a reasonable period from the date of filing thereof. Such applications shall be approved if the work proposed to be done conforms to the requirements of this article, the zoning ordinance, and other ordinances relating thereto.
- (e) For failure of a person to apply for and obtain any building permit required prior to commencement of a construction job, there shall be an additional fee in an amount equal to the permit fee itself.

Section 4. That Section 6-58, is hereby amended to read as follows:

Sec. 6-58. - Plans.

- (a) There shall be no plans required for one-and two-family residences unless requested by the building inspector. ~~Two (2) sets of plans must be furnished to the building inspector on~~ all other buildings, plans shall be provided in the media, format, and number of sets required by the building inspector. One (1) set of Reviewed plans will be ~~approved and~~ returned to be kept on the job during construction. ~~The other set~~ File sets will be ~~filed~~ maintained in the building inspector's office. A plot plan showing the location of the structure or structures, and the parking area must be furnished when the application is made for a building permit.
- (b) Upon approval of plans and issuance of building permit, the construction work must proceed in accordance with the approved plans, otherwise the building operations will be stopped by the building inspector. Any deviation from the approved plans must be authorized by the approval of revised plans subject to the same procedure established for the examination of the original plans. An additional permit fee may be charged depending on the extent of variation from the original plans.

Section 5. That Section 6-61, is hereby amended to read as follows:

Sec. 6-61. - Inspections generally.

- (a) Notice to building inspector of beginning of work. The building inspector shall be notified immediately upon the beginning of the construction, alteration, repair or removal of any building for which a permit is required. He shall be notified not less than twenty-four (24) hours before the beginning of the demolition of any building.
- (b) When to call for inspection.
 - (1) Location and Footing Inspection: After all trenches are excavated, all grade stakes are installed, all reinforcing steel and supports are in place and braced ~~but~~ before pouring or placement of any concrete. The property lines must be established, or if

there is any question as to the location of the building on the property, the builder will furnish a survey made by a licensed surveyor.

- (2) ~~Framing Inspection: When building is framed with rough wiring, pipes, vents and stairways in place and chimney erected.~~ Under-slab inspection: If applicable, shall be made after all materials and equipment to be concealed by the concrete slab are installed.
- (3) ~~Final Inspection: When building is completed and ready for occupancy.~~ Foundation and Crawl Space Inspection: After all foundation supports are installed to check foundation supports, crawl space leveling, ground clearances and positive drainage when required.
- (4) Rough-in Inspection: When all building framing, electrical, plumbing, mechanical, or fire protection systems that will be hidden from view in the finished building have been installed and before wall, ceiling finish, or building insulation is installed.
- (5) Building Framing Inspection: After the roof (excluding permanent roof covering), wall, ceiling, and floor framing is installed with appropriate blocking, bracing, and firestopping installed. The following items shall be installed and visible for inspection:
 - (a) Pipes,
 - (b) Chimneys and vents,
 - (c) Flashing for roofs, chimneys, and wall openings,
 - (d) Lintels required to be bolted to the framing for support, and shall not be covered by any exterior or interior wall or ceiling finish material before approval.
- (6) Insulation Inspection: After approved building framing inspection, approved rough-in inspection, and permanent roof covering is installed but before any wall or ceiling covering is installed.
- (7) Final Inspection: After completion of the work authorized under the technical code for each trade.

The final plumbing, electrical, ~~and heating mechanical, and fire~~ inspections must be approved before the final building inspection will be made.

Section 6. That Section 6-63, is hereby amended to read as follows:

Sec. 6-63. - Certificate of ~~completion~~ compliance.

Upon the completion of any construction, alteration, or repairs authorized by a permit issued hereunder, the building inspector shall inspect the same, and if it has been done in conformity

with the state law and with all ordinances relating thereto, he shall issue a certificate of compliance.

Section 7. That Section 6-64, is hereby amended to read as follows:

Sec. 6-64. - Fees.

- (a) Inspection fees for the construction, alteration or repair of any building or other structure or part thereof shall be based on the total cost of construction, alteration, or repairs, excluding the cost of electrical, heating and air conditioning, gas equipment and plumbing work, and shall be as follows:

For the first \$11,000.00\$75.00

For excess above \$11,000.00 to \$50,000.00 per \$1,000.003.00

For excess above \$50,000.00 to \$500,000.00, per \$1,000.002.00

For excess above \$500,000.00, per \$1,000.001.00

For nonessential inspection at request of owner45.00

For handicap ramps accessing a single-family dwellingNo Charge

- (b) Inspection fees for tents shall be seventy-five dollars (\$75.00).
- (c) Inspection fees for the removal (demolition) of buildings shall be seventy-five dollars (\$75.00).
- (d) Inspection fees for moving buildings over city streets on rubber shall be as follows: Initial payment of five hundred dollars (\$500.00) which shall be the maximum fee. The actual fee shall be based on actual costs to the city including city administrative costs, use of materials, public vehicles and other equipment; in the event that the actual costs are less than the above-mentioned fee, the city shall refund the difference.
- (e) Inspection fees for mobile homes shall be seventy-five dollars (\$75.00).
- (f) ~~All liquid or gaseous storage tanks shall be inspected and the following fees paid:~~

Capacity (Gallons)	
Under 550 gallon capacity	\$ 8.00
550—1,000 gallon	10.00
1,001—2,000	13.00
2,001—3,000	16.00

3,001—4,000	19.00
4,001—5,000	21.00
5,001—6,000	24.00
6,001—7,000	28.00
7,001—8,000	32.00
8,001—9,000	36.00
9,001—10,000	40.00
10,001—100,000	40.00 + \$1 per 1,000 gal.
101,000+	130.00 + 50¢ per 1,000 gal.

The total of fees due for any permit shall be not less than seventy-five dollars (\$75.00).

- (g) Inspection fees for erosion control and foundation inspections shall be charged at the rate of one dollar and twenty-five cents (\$1.25) per thousand to a maximum of five hundred thousand dollars (\$500,000.00) of general construction cost for new residential, commercial and additions to commercial construction.
- (h) Upon the return of any building permit issued under this division, an amount equal to the minimum building permit fee shall be retained by the building inspector to cover administrative expenses connected with the issuance thereof.
- ~~(i) The initial inspections for day and perpetual care facilities shall be one hundred dollars (\$100.00) for each inspection.~~
- ~~(i j)~~ Fee for the first followup inspection shall be forty-five dollars (\$45.00).
- ~~(j k)~~ Fee for the second and each followup inspection thereafter shall be forty-five dollars (\$45.00).
- ~~(l) Fee for a change of use inspection shall be one hundred dollars (\$100.00).~~

Section 8. That Section 6-82, is hereby amended to read as follows:

Sec. 6-82. – **Reserved. Penalty.**

~~Any person who violates any provisions of this article shall be guilty of a misdemeanor and, upon conviction thereof, shall be subject to a fine of not less than twenty-five dollars (\$25.00) or more than fifty dollars (\$50.00) for each offense. Each day or portion thereof any violation continues shall constitute a separate and distinct offense.~~

Section 9. That Section 6-83, is hereby amended to read as follows:

Sec. 6-83. - ~~Reserved.~~ **Purpose and Scope.**

It is the purpose and intent of this article to provide certain minimum standards, provisions, requirements and inspections of electrical equipment, appliances, and installations covered by the North Carolina Electrical Code on premises or in habitable buildings or structures for the protection of the public safety and interest.

Section 10. That Section 6-98, is hereby amended to read as follows:

Sec. 6-98. - Right of entry of electrical inspector; authority to disconnect service; etc.

The electrical inspector shall have the right:

- (1) To enter during reasonable hours in accordance with applicable law any building in the discharge of ~~his~~ **their** official duties, or for the purpose of making any inspection, re-inspection or test of the installation of electric wiring, devices, appliances and equipment contained therein.
- (2) To cut or disconnect any wire in cases of emergency where necessary for safety to life and property.
- (3) To disconnect, or order the discontinuance of electrical service to any electric wiring, devices, appliances or equipment found to be dangerous to life or property because it is defective or defectively installed until such wiring, devices, appliances and equipment and their installation have been made safe and approved by ~~him~~ **the electrical inspector.**

Section 11. That Section 6-99, is hereby amended to read as follows:

Secs. 6-99. –~~Reserved.~~ **Condemnation of unsafe, etc., installations.**

- (a) The electrical inspector may condemn any electrical system, or part thereof, units, apparatus, or appurtenances which are not installed, altered, or restored in accordance with the provisions of this article. In the interest of public safety, the electrical inspector shall have the authority to condemn any electrical system or part thereof which is a detriment to safety and require that same be remedied immediately.
- (b) If the electrical inspector has reason to believe that an unsafe condition exists in habitable buildings or on premises, they may require the owner or agent thereof to provide for tests, and if defective materials or workmanship are revealed by such test, the owner or agent shall immediately repair the system in accordance with the direction of the electrical inspector.

Section 12. That Section 6-100, is hereby amended to read as follows:

Sec. 6-100. – ~~Reserved.~~ Stop work order.

Whenever it is found that the installation, alteration, or repair covered by this article is proceeding in violation of this article, a written order to stop work shall be posted on the premises. The stop work order shall pertain to any part or parts of the construction, alteration, or repair of the system which is in violation.

Section 13. That Section 6-113, is hereby amended to read as follows:

Sec. 6-113. - Property owner's permit.

Any person may be permitted to perform electrical work upon ~~his~~ their own property except property intended for rent, sale or gift provided he first makes application for and obtains a property owner's electrical permit from the electrical inspector for the work contemplated. ~~The applicant shall either pass an examination equivalent to the state license examination for electrical contractors or furnish satisfactory evidence of having passed it, before the issuance of a permit, regardless of whether a license is required by state law.~~ The electrical inspector shall then issue a permit to the applicant to perform the work for which application was made. Such permit shall extend to the applicant only and shall not authorize the applicant to employ the services of any other person to assist him unless such other person is duly licensed. ~~T~~he permit granted the applicant shall automatically expire upon completion of the work. All work done under permit shall be subject to regular electrical inspection requirements and fees and shall satisfy all requirements applicable to such work.

Section 14. That Section 6-115, is hereby amended to read as follows:

Sec. 6-115. - Persons eligible.

No electrical permit, except an annual permit or a property owner's permit, shall be issued to any person unless such person is the holder of an electrical contractor's license issued by the state board of examiners of electrical contractors ~~and the person has a city license to do electrical contracting.~~

Section 15. That Section 6-117, is hereby amended to read as follows:

Sec. 6-117. - Inspections generally.

- (a) In this article "inspection" means the necessary scrutiny and checking of an electrical wiring installation to determine whether or not the installation has been made in conformity with state and local laws governing wiring installations and materials.
- (b) The electrical inspector shall have and use the necessary instruments and tools for testing each installation as to insulation, continuity, polarity, etc. No roughing-in work will be considered complete until all joints are properly made, ~~soldered and taped, nor until all service switches, control switches, circuit cabinets and receptacles, together with their appropriate trims and covers, are properly placed~~ and the grounding connections have been made. Two (2) inspections shall be made under ordinary circumstances:
 - (1) The first after roughing-in.
 - (2) The second, or final inspection, after all devices, appliances and fixtures are installed or hung.

Section 16. That Section 6-120, is hereby amended to read as follows:

Sec. 6-120. - Inspection of work under annual permit.

At regular periods, the electrical inspector shall visit all premises where work may be done under annual permits required by this division and shall inspect all electric wiring devices, appliances and equipment installed under such a permit since the date of ~~his~~ their last previous inspection, and shall issue a certificate of approval for such work as is found to be in conformity with the provisions of this article, after the fee required has been paid. Upon inspection, if the alteration is not found to be fully in conformity with the provisions of this article, the electrical inspector shall at once forward to the person a written notice stating the defects which have been found.

Section 17. That Section 6-121, is hereby amended to read as follows:

Sec. 6-121. - Certificate of approval.

- (a) Where the electrical inspector finds the installation to be in conformity with the laws of the state governing electrical wiring installations and materials and of this article, he shall issue ~~an certificate of~~ approval release to the utility company furnishing the electrical service.
- (b) When a certificate of approval is issued authorizing the connection and use of temporary work, such certificate shall be issued to expire at a time to be stated therein and shall be revocable by the electrical inspector for cause. A preliminary certificate of approval may be issued authorizing the connection and use of certain specific portions of an incomplete installation which shall be revocable at the discretion of the electrical inspector.
- (c) It shall be unlawful for any person to make connection from a supply of electricity or to supply electricity to any electrical equipment for the installation of which an electrical permit is required or which has been disconnected or ordered to be disconnected by the electrical inspector, until such connection has been authorized by the electrical inspector.

Section 18. That Section 6-122, is hereby amended to read as follows:

Sec. 6-122. - Correction of defects.

Any person ~~failing to~~ shall correct any defect within ~~forty-eight (48) hours~~ ten(10) days after having been duly notified by the electrical inspector ~~shall not receive any further permit under this division until the defect has been corrected.~~

Section 19. That Section 6-123, is hereby amended to read as follows:

Sec. 6-123. - Electrical fees for permits and inspections generally.

- (a) Before any permit is granted for the installation or alteration of electrical equipment, the person making application for such permit shall pay to the city permit clerk a fee in such amount as specified below, or the fees may be paid to the city permit clerk on or before the tenth day of the month following date of application for permit; provided, that in the event of default in payment of fees, no permit will be issued to or application received from the person in default until such time as the fees are paid in full:

SCHEDULE OF ELECTRICAL PERMIT FEES (NEW DWELLINGS/COMMERCIAL SERVICES ONLY)

Minimum fee: the total of fees due for any permit shall be not less than seventy-five dollars (\$75.00).

Fees

60 amp service\$ 59.00

100 amp service74.00

125 amp service85.00

150 amp service90.00
 200 amp service99.00
 225 amp service105.00
 250 amp service111.00
 300 amp service116.00
 350 amp service125.00
 400 amp service131.00
 Over 400 amp service, per amp0.10
 Construction site office~~4~~75.00
 Mobile home~~5~~75.00
 Saw service~~4~~75.00
 Temporary cut-in~~1~~75.00
 Billboard55.00
 Signs (all except billboards)5.00
 Meter10.00
 Panel10.00
 Outlets (switches, lighting, outlets, receptacles), each0.30
 Lighting fixtures, each0.30
 Lighting standard (parking lot lighting)5.00
 Transformer KVA (per KVA)0.50
 Motor through 4 HP10.00
 Each additional HP0.70
 Motor control center15.00
 Emergency generator KVA (per KVA)0.50
UPS Systems KVA (per KVA)0.50
PV Systems KVA (per KVA).....0.50
PV Panel/Meter.....10.00
PV Inverter.....10.00
 Control wiring system20.00
 Line transfer switch10.00
 KW through 4 KW10.00
 Each additional KW, each0.70
 X-ray unit10.00

Fire alarm panel10.00

~~Smoke detector, heat detector, horn, bell, pull station, each~~ Fire alarm devices.....4.00

Smoke/CO device 0.30

Gasoline dispenser10.00

Fees

Welder10.00

Unit heater10.00

Water10.00

Deep fat fryer10.00

Ice maker10.00

~~Refrigeration~~ Display case10.00

Walk-in cooler10.00

Food warmer10.00

Commercial swimming pool85.00

Residential swimming pool65.00

Spa, hot tub, hydromassage tub, each20.00

~~Load control and watt court devices~~20.00

Replacement permit75.00

Clothes dryer10.00

Range, oven, cook top10.00

Dishwasher, each10.00

Disposal, trash compactor, each10.00

Furnace10.00

Meter alteration20.00

Minimum charge75.00

Miscellaneous20.00

Extra inspection fee 45.00

Additional extra inspection fee45.00

- (b) Minimum charge for cancelled permits and failure to obtain permits for installation, or failure to obtain required inspections:

- (1) Upon the return of any electrical permit issued under this section, an amount equal to the minimum electrical permit fee shall be retained by the inspector to cover administrative expenses connected with the issuance thereof.

- (2) ~~The electrical inspector shall charge a fee equal to the permit fee for jobs that are started prior to a permit being requested. For failure of a person to apply for and obtain any electrical permit required prior to commencement of a construction job, there shall be an additional fee in an amount equal to the permit fee itself.~~
- (3) The electrical inspector shall have the authority to collect a fee equal to the minimum charge where the owner or contractor fails to request the inspection required by city ordinance or the North Carolina State Building Code.

Section 20. That Section 6-136, is hereby amended to read as follows:

Sec. 6-136. - ~~Board of electrical examiners.~~ Reserved.

- (a) ~~There is hereby created a board to be known as the Greensboro Board of Electrical Examiners.~~
- (b) ~~The board shall be composed of three (3) members. One (1) member shall be a representative of the fire department designated by the fire chief, one (1) member shall be a licensed electrical contractor or a certified electrical service person designated by the director of the city's engineering and inspections department, and one (1) member shall be a representative of the public appointed by the council. The electrical inspector shall serve ex officio as a member. The members of the board shall be appointed for terms to expire on August 15. The time fixed herein for appointment is directory not mandatory.~~
- (c) ~~The board shall:~~
 - (1) ~~Establish standards and procedures for the qualification, examination and licensing of journeyman electricians and issue an appropriate license to each person who meets the qualifications therefore and successfully passes the examination given by the board.~~
 - (2) ~~Keep an official record of all its transactions.~~
 - (3) ~~Perform such other duties as may be assigned it from time to time by the council.~~
 - (4) ~~Meet at such intervals as may be necessary for the proper performance of duties, but in any case not less than once a year.~~

Section 21. That Section 6-137, is hereby amended to read as follows:

Sec. 6-137. - Licensing, etc., generally.

- (a) No person shall install, alter, repair, make extensions or connect any fixture or current consuming device (except lamps and appliances connected by means of attachment plug) to any electrical wiring system for which an electrical permit is required, whether employed by an electrical contractor, firm, corporation or otherwise, unless he is a qualified electrician or

works under the direct supervision of a qualified journeyman electrician or qualified electrical contractor.

- (b) No electrical contractor, firm or corporation shall authorize the installation of electrical wiring by any person in violation of subsection (a).
- (c) For the purposes of this section a "qualified electrician" shall mean any person:
 - (1) Who has qualified for a limited electrician's license issued by the state;
 - (2) Who has qualified for an intermediate electrician's license by the state;
 - (3) Who has qualified for an unlimited electrician's license issued by the state;
 - (4) Who has qualified for a single family detached residential dwelling electrician's license issued by the state; ~~or~~
 - (5) Who is qualified as journeyman electrician by the ~~board of electrical examiners~~ **inspection division** of the city or its equal; **or**
 - (6) Who has qualified for a specialty restricted license issued by the state.**
- (d) No person shall use an expired or revoked electrical license.

Section 22. That Section 6-138, is hereby amended to read as follows:

Sec. 6-138. - Local licensing and examination of journeymen.

- (a) No application shall be accepted for a journeyman electrician's license unless the applicant has had four (4) years training and experience in the electrical field. Any person desiring to be licensed as a journeyman electrician shall make written application to the **inspections division, board**, accompanied by an examination fee of fifty dollars (\$50.00) which is not returnable. Any person who fails to pass an examination as prescribed by the **inspections division board** may apply for reexamination after the expiration of thirty (30) days upon payment of the regular examination fee. ~~There shall be an annual charge of twenty-five dollars (\$25.00) for renewing a journeyman electrical license.~~
- (b) Holders of journeyman electrical licenses shall be furnished by the **inspections division board of electrical examiners** with evidence of their having been licensed, in card form or otherwise, which shall be carried on the person of the holder while he is engaged in electrical work and shall be exhibited on request of the electrical inspector or of any person on whose premises the holder is working. This license is automatically revoked if the journeyman discontinues engaging in the electrical field for a period of twelve (12) months, or if the journeyman is not performing ~~his~~ **their** duties as determined by the ~~board~~ **inspection division**.
- (c) The **inspections division board** may issue a temporary license pending the examination, provided the applicant holds a similar license from an equivalent board. Such permit shall not be valid for more than sixty (60) days.
- (d) An appeal from the decision of the **inspections division board** upon the denial of a license shall be only for errors of law and shall be taken to the superior court by certiorari.

Section 23. That Section 6-139, is hereby amended to read as follows:

Sec. 6-139. - Restriction on issuance of permits to electrical contractor's license.

No person shall be issued electrical permits within the city for a license to do electrical contracting ~~with the city~~ until they submits evidence that they holds an electrical contractor's license issued by the state.

Section 24. That Section 6-140, is hereby amended to read as follows:

Sec. 6-140. - Supervision of apprentices.

There shall not be more than two (2) apprentice electricians or helpers working under the direct supervision of each qualified electrician at any time.

Section 25. That Section 6-156 is hereby amended to read as follows:

Sec. 6-156. - Reserved. ~~Scope and purpose.~~

~~For the better protection of life and property and in the interest of public safety, this division shall govern the installation of outdoor television, AM and FM, receiving and transmitting antennas within the city.~~

Section 26. That Section 6-157 is hereby amended to read as follows:

Sec. 6-157. - Reserved. ~~Permits; inspections; fees.~~

~~(a) Work shall not be commenced on the installation of receiving or transmitting antennas before a permit therefor is obtained from the building inspection division. An inspection fee of ten dollars (\$10.00) shall be paid for each permit.~~

~~(b) A reinspection fee of ten dollars (\$10.00) shall be paid for each trip when extra inspections are necessary due to any of the following reasons:~~

~~(1) Wrong address.~~

~~(2) Condemned work resulting from faulty construction.~~

~~(3) Repairs or corrections not made when inspection is called.~~

~~(4) Work not ready for inspection when called.~~

~~(e) The chief electrical inspector and his representatives are hereby empowered to inspect or reinspect any wiring, equipment or apparatus conducting or using electric current for television, AM, FM, amateur and commercial receiving and transmitting antenna in the city, and if conductors, equipment or apparatus are found to be unsafe to life or property, the inspector shall notify the person owning or operating the hazardous wiring or equipment, to correct the condition within the time specified by the inspector. Failure to correct violations in the specified time constitutes a violation of this Code.~~

Section 27. That Section 6-158 is hereby amended to read as follows:

Sec. 6-158. –Reserved. ~~Materials generally.~~

- ~~(a) No electrical materials, devices or apparatus designed for attachments to or installation on any electrical circuit or system for television, AM, FM, amateur and commercial receiving and transmitting antennas shall be installed, used, sold or offered for sale for use in the city, unless they are in conformity with the approved methods of construction for safety to life and property.~~
- ~~(b) Conformity of electrical materials, devices or apparatus with the standards of the Underwriters' Laboratories, Inc., are approved for use.~~
- ~~(c) The maker's name, trademark, or other identification symbol shall be placed on all electrical devices that use one hundred fifteen (115) volts or more which are sold, offered for sale or use or used in the city. These markings and others such as voltage, amperage, wattage, and power factor or appropriate ratings described in the national electrical code are necessary to determine the character of the material, device or equipment and the use for which it is intended.~~

Section 28. That Section 6-159 is hereby amended to read as follows:

Sec. 6-159. –Reserved. ~~Materials, etc.~~

~~Masts or antennas must be of noncombustible and noncorrosive material, except that in case of ground support a wooden pole may be used when adequately treated with a wood preservative. When a mast or antenna is installed on a roof, it must be mounted on its own platform and be securely anchored with guy wires. Masts and antennas must not be fastened to the roof or supported by combustible members or materials.~~

Section 29. That Section 6-160 is hereby amended to read as follows:

Sec. 6-160. –Reserved. ~~Type, height, location, etc.~~

~~Every antenna must be adequately grounded for protection against a direct stroke of lightning with the ground wire as specified in the current issue of the national electrical~~

~~code as amended. Anchor points for antennas, masts, and guy wires must be anchor screws or lead expansion shields drilled into solid block, concrete, or other noncombustible construction. No wires, cables, or guys shall cross or extend over any part of a public street, way, or sidewalk.~~

Section 30. That Section 6-161 is hereby amended to read as follows:

Sec. 6-161. – Reserved. ~~Installation on roof of frame construction.~~

~~In case of amateur or domestic receiving antennas where the set is installed in a private residence the antenna may be installed on the roof of a frame structure provided the supports and anchor screws are securely fastened to rafters or beams or other substantial members, and provided further that no antenna installed on the roof of a frame construction or in any way supported by material of combustible construction shall exceed a height of thirty (30) feet above the roof of the building.~~

Section 31. That Section 6-162 is hereby amended to read as follows:

Sec. 6-162. – Reserved. ~~Transmission line.~~

~~Transmission lines must be kept at least twelve (12) inches clear of existing telephone or light wires. Rawl plugs are approved only for supporting transmission lines. Stand-off support insulators must be used at least every ten (10) feet in running the transmission line down the building.~~

Section 32. That Section 6-163 is hereby amended to read as follows:

Sec. 6-163. – Reserved. ~~Lightning arrestors.~~

~~Lightning arrestors shall be approved by the Underwriters' Laboratories, Inc., and both sides of the line must be adequately protected with proper arrestors or neon lamps to remove static charges accumulated on the line, except when a folded dipole or other type of antenna is used which is already grounded to the mast. When lead-in conductors of polyethylene ribbon type are used, lightning arrestors must be installed in each conductor. If a coaxial cable is used for the lead-in, suitable protection may be provided without lightning arrestors by grounding the exterior metal sheath.~~

Section 33. That Section 6-164 is hereby amended to read as follows:

Sec. 6-164. – Reserved. ~~Wind pressure.~~

~~Antennas shall be designed and installed in such manner as to resist a wind pressure of twenty-five (25) pounds per square foot and in no case shall guy wires be less than three thirty-second (3/32) inch, five-strand cable or equivalent, galvanized. Rawl plugs must not be used for guy wires or for mounting brackets.~~

Section 34. That Section 6-165 is hereby amended to read as follows:

Sec. 6-165. – Reserved. ~~Ground wire.~~

~~Ground wire must be of the type approved by the national electrical code, for grounding masts and lightning arrestors and must be installed in a mechanical manner with as few bends as possible, maintaining a clearance of at least two (2) inches from combustible material.~~

Section 35. That Section 6-166 is hereby amended to read as follows:

Sec. 6-166. – Reserved. ~~Ground straps.~~

~~Ground straps for grounding masts and attaching arrestors to water pipe must be approved ground fitting.~~

Section 36. That Section 6-167 is hereby amended to read as follows:

Sec. 6-167. – Reserved. ~~Miscellaneous hardware.~~

~~The miscellaneous hardware, such as brackets, turnbuckles, thimbles, clips, etc., must be hot-dipped galvanized, or similarly treated for weather protection. The turnbuckles must be protected against turning by threading the guy wires through the turnbuckles.~~

Section 37. That Section 6-180, is hereby amended to read as follows:

Sec. 6-180. – Reserved. ~~Civil liability.~~

This article shall not be construed to relieve from or lessen the responsibility of liability of any party owning, operating, controlling or installing any mechanical or fuel gas systems, devices, appliances or equipment for damages to person or property caused by any defect therein, nor shall the city be held as assuming any such liability by reason of the inspection authorized herein or the certificate of approval issued as herein provided.

Section 38. That Section 6-181, is hereby amended to read as follows:

Sec. 6-181. - Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Mechanical includes all equipment, appliances, and installations covered by the North Carolina Mechanical Code.

Fuel gas includes all equipment, appliances, and installations covered by the North Carolina Fuel Gas Code.

~~Heating and cooling equipment includes all kinds of heating appliances and cooling appliances and all kinds of heating, ventilating, cooling, blower and exhaust systems, and all gas illuminating equipment.~~

Licensed ~~refrigeration, heating and/or cooling~~ **mechanical** contractor means a person who holds a current license issued by the state board of examiners of refrigeration, plumbing and heating contractors, in accordance with the provisions of North Carolina General Statutes Chapter 87, articles 2 and 5.

~~Liquefied petroleum gas means and includes any material meeting the description of L.P. gas as defined by N.F.I.P.A. 58 and G.S. 119-54(4), either by themselves or as mixtures: Propane, Propylene, Butane (normal butane or iso-butane) and Butylene (including isomers).~~

~~L.P. tank container means any tank or container of 2,000 gallons or less used for the storage or handling of L.P. gas. Exception: This article shall not apply to portable tanks used in conjunction with outdoor cooking equipment like grills, smokers and fryers.~~

~~Permit means a mechanical permit issued by the City of Greensboro Inspection Department.~~

~~Mechanic means a person who is skilled in the art of installing or servicing of refrigeration, heating and/or cooling equipment, and who is employed by, and under the supervision and jurisdiction of a licensed refrigeration, heating and/or cooling contractor.~~

Section 39. That Section 6-182, is hereby amended to read as follows:

Sec. 6-182. - Purpose and scope.

It is the purpose and intent of this article to provide certain minimum standards, provisions, requirements and inspections of ~~heating and cooling~~ **equipment, appliances, and installations covered by the North Carolina Mechanical and Fuel Gas Code** on premises or in habitable buildings or structures for the protection of the public safety and interest. ~~The provisions~~

~~and requirements of this article shall apply to the installation of heating and/or cooling equipment in every type of building or premises, wherever situated in the city.~~

Section 40. That Section 6-184, is hereby amended to read as follows:

Sec. 6-184. - Use of old or secondhand equipment.

Secondhand equipment must be approved by the ~~building~~ mechanical inspector before reuse. All old mechanical or fuel gas equipment must be brought up to current code and obtain the necessary inspections for approval. ~~floor furnaces and all other furnaces (oil or gas) needing repairs:~~

- ~~(1) Must be brought up to code if a new heat exchanger is installed.~~
- ~~(2) Must be inspected after service work is completed on the above.~~

Section 41. That Section 6-185 is hereby amended to read as follows:

Sec. 6-185. – Reserved. ~~Water problem.~~

~~Where a water problem is present, proper provisions shall be made to get rid of the water to the passageway and service area of the equipment.~~

Section 42. That Section 6-186 is hereby amended to read as follows:

Sec. 6-186. – Reserved. ~~Welding.~~

~~Once a heating system has been installed, there shall be no welding done on the system without permission of the building inspector.~~

Section 43. That Section 6-201, is hereby amended to read as follows:

Sec. 6-201. - ~~Enforcement generally~~ General duties of mechanical inspector.

It shall be the duty of T ~~the~~ building mechanical inspector ~~shall:~~

- (1) ~~Enforce this article.~~ To enforce all state and local laws governing mechanical and fuel gas installations materials.

- (2) ~~Approve or disapprove plans and specifications pertinent to heating and/or cooling equipment within a reasonable time after receipt of an application. To issue permits for and to make inspections of all new mechanical and fuel gas installations and such other permits and inspections as may be prescribed by the city council.~~
- (3) ~~Issue permits, notices, and certificates. To grant permits for the installation or alteration of mechanical or fuel gas appliances and equipment and make inspections for all new mechanical or fuel gas installations and re-inspections as provide in this article.~~
- (4) ~~Witness tests. To keep complete records of all permits issued, inspections and re-inspections made, fees collected, and other official work performed in accordance with the provisions of this chapter.~~
- (5) Perform other duties that may be required by the city manager in connection with the administration and enforcement of this article and other applicable mechanical and fuel gas heating and/or cooling equipment regulations.

Section 44. That Section 6-202, is hereby amended to read as follows:

Sec. 6-202. - ~~Entry powers of city officials~~ Right of entry of mechanical inspector; authority to disconnect service.

~~The building inspector may enter public or private property in accordance with applicable law at such reasonable times as may be necessary for the performance of duties under this article.~~

The mechanical inspector shall have the right:

- (1) To enter during reasonable hours in accordance with applicable law any building in the discharge of their official duties, or for the purpose of making any inspection, re-inspection or test of the installation of mechanical and fuel gas devices, appliances and equipment contained therein.
- (2) To disconnect, or order the discontinuance of mechanical or fuel gas devices, appliances or equipment found to be dangerous to life or property because it is defective or defectively installed until such devices, appliances and equipment and their installation have been made safe and approved by the mechanical inspector.

Section 45. That Section 6-203, is hereby amended to read as follows:

Sec. 6-203.- ~~Appeals and modifications.~~ Reserved.

~~In the event that heating and/or cooling equipment cannot be reasonably installed, altered, or restored in accordance with the provisions of this article due to structural barriers, the building inspector may allow modifications based upon generally accepted~~

~~standards that will not jeopardize the public safety. Should any controversy arise relating to the interpretation of this article, the heating and/or cooling contractor or installer may appeal to the board of building appeals whose decision shall be final. An appeal therefrom may be taken to the superior court, as provided for in the city charter.~~

Section 46. That Section 6-204, is hereby amended to read as follows:

Sec. 6-204. - Condemnation of unsafe, etc., installations.

- (a) The **building mechanical** inspector may condemn any ~~heating and/or cooling~~ **mechanical or fuel gas** system, or part thereof, units, apparatus, or appurtenances which are not installed, altered, or restored in accordance with the provisions of this article. In the interest of public safety, the **building mechanical** inspector shall have the authority to condemn any ~~heating and/or cooling~~ **mechanical or fuel gas** system or part thereof which is a detriment to safety and require that same be remedied immediately.
- (b) If the **building mechanical** inspector has reason to believe that an unsafe condition exists in habitable buildings or on premises, ~~he~~ **they** may require the owner or agent thereof to provide for tests, and if defective materials or workmanship are revealed by such test, the owner or agent shall immediately repair the system in accordance with the direction of the **building mechanical** inspector.

Section 47. That Section 6-221, is hereby renumbered 6-220 and amended to read as follows:

Sec. 6-221~~0~~. - Permits required; exceptions.

- ~~(a)~~ A permit shall be obtained from the **building mechanical** inspector for the installation, extension, alteration, replacement, or general repair of any new **mechanical or fuel gas** system including: furnaces, heat pumps, boilers and/or cooling equipment prior to beginning the work. No permit is required to make minor repairs, minor burner service, filters, or replacement of electrical components to an already installed ~~warm air furnace, heat pump and/or cooling~~ **mechanical or fuel gas** system. When heating units including electrical air handlers with strip heat, boilers or heat pump condensers are replaced, a permit shall be secured by a properly state licensed contractor, and the new unit shall be inspected.

~~Exception: When an outdoor air conditioning condenser of less than fifteen (15) tons is replaced, a permit shall be required and an inspection made by the Greensboro Inspection Division. All work shall comply with the appropriate N.C. Mechanical Code. The individual installing the outdoor unit will not be required to hold a state heating contractors license, but is required to hold a current Greensboro Journeyman HVAC card.~~

- ~~(b) No person may commence or proceed with the installation, extension, alteration or relocation of any natural gas line or L.P. gas tank without first securing a mechanical permit from the City of Greensboro Inspection Division.~~

~~Exception: A permit shall not be required of L.P. gas dealers removing a tank from service or for exchange replacement type tanks after the initial installation.~~

Section 48. That Section 6-221, is hereby amended to read as follows:

Sec. 6-221-~~Reserved~~ **Property owner's permit.**

Any person may be permitted to perform mechanical or fuel gas work upon their own property except property intended for rent, sale or gift provided he first makes application for and obtains a property owner's mechanical permit from the mechanical inspector for the work contemplated. The mechanical inspector shall then issue a permit to the applicant to perform the work for which application was made. Such permit shall extend to the applicant only and shall not authorize the applicant to employ the services of any other person to assist him unless such other person is duly licensed. The permit granted the applicant shall automatically expire upon completion of the work. All work done under permit shall be subject to regular mechanical and fuel gas inspection requirements and fees and shall satisfy all requirements applicable to such work.

Section 49. That Section 6-222, is hereby amended to read as follows:

Sec. 6-222. - Persons eligible for permits.

Permits to install ~~heating, cooling~~ **mechanical or fuel gas** equipment, **appliances or installations** ~~and/or gas appliances~~ shall be issued only to licensed ~~heating~~ **mechanical** contractors or the owner working on the residence in which he lives.

Exception: Gas appliances, piping, and heat producing appliances which have no duct system or forced air blower shall be permitted and installed by a licensed plumbing and/or **heating mechanical** contractor or by the owner of the residence in which he lives.

Section 50. That Section 6-223, is hereby amended to read as follows:

Sec. 6-223. - Securing permits for another.

No licensed ~~heating and/or cooling~~ **mechanical** contractor shall secure a permit under this division from the ~~building~~ **mechanical** inspector for another person.

Section 51. That Section 6-224, is hereby amended to read as follows:

Sec. 6-224. - Revocation of permits.

At any time during the progress of the installation of ~~heating and/or cooling~~ mechanical or fuel gas equipment, the ~~building~~ mechanical inspector may revoke a permit required by this division for noncompliance with this article.

Section 52. That Section 6-225, is hereby amended to read as follows:

Sec. 6-225. - Inspections required.

All ~~heating and/or cooling~~ mechanical or fuel gas equipment installations shall be inspected by the ~~building~~ mechanical inspector before any part thereof is covered and before such items of gas lines and supply and return lines are set in concrete. All ~~heating and cooling~~ mechanical and fuel gas systems will be inspected in their entirety. ~~Power boilers must be inspected in their entirety. Power boilers must be inspected by state or authorized insurance companies only. All L.P. gas tanks and gas piping systems (natural or liquefied petroleum gas) shall be inspected by the building inspector.~~

Section 53. That Section 6-226, is hereby amended to read as follows:

Sec. 6-226. - Final inspection.

~~When the installation, alteration, or restoration of heating and/or cooling equipment has been completed in accordance with the provisions of this article, a request for a final inspection shall be filed at the office of the building inspector by the heating and/or cooling contractor. Upon completion of any installation for which a permit and inspection is required by this division, it shall be the duty of the person installing same to notify the mechanical inspector, who shall inspect the installation as soon thereafter as practicable.~~

Section 54. That Section 6-227, is hereby amended to read as follows:

Sec. 6-227. - Final certificate of inspection.

After the final inspection and test of ~~heating and cooling~~ mechanical or fuel gas equipment, if the ~~building~~ mechanical inspector approves of the installation, alteration, or repairs, ~~he~~ they shall issue a certificate of compliance to the ~~heating~~ mechanical contractor. A property owner or ~~his~~ their agent shall be entitled to a copy of the certificate upon request to the ~~building~~ mechanical inspector.

Section 55. That Section 6-228, is hereby amended to read as follows:

Sec. 6-228. - Materials and labor for tests.

All equipment, material, power, and labor necessary for inspection and tests under this article shall be furnished by the ~~heating~~ mechanical contractor.

Section 56. That Section 6-229, is hereby amended to read as follows:

Sec. 6-229. - Schedule of fees.

- (a) ~~All gas appliances, connections, piping, etc. shall be inspected and the following fees paid: Before any permit is granted for the installation or alteration of mechanical or fuel gas equipment, the person making application for such permit shall pay to the city permit clerk a fee in such amount as specified below, or the fees may be paid to the city permit clerk on or before the tenth day of the month following date of application for permit; provided, that in the event of default in payment of fees, no permit will be issued to or application received from the person in default until such time as the fees are paid in full:~~

Fees

Air tanks	\$ 10.00
Bun warmers	10.00
Clothes dryers	10.00
Coffee urns	10.00
Deep fat fryers	10.00
Extra inspections	10.00
Fire logs	10.00
Gas connections	10.00
Gas house piping	10.00
Gas lights	10.00
Grills	10.00
L.P. gas service	10.00
Meter relocation	10.00
Ovens	10.00
Ranges	10.00
Steam tables	10.00
Water heaters—Fired coil*	10.00
Less than 100,000 B.T.U.	10.00
Water storage tanks	10.00
L.P. gas tank	10.00

First followup inspection fee45.00

Second and each subsequent followup inspection45.00

*If one (1) contractor does both the plumbing and gas connections for a replacement water heater, the charge is seventy-five dollars (\$75.00).

Minimum fee: The total of fees due for any permit shall be not less than seventy-five dollars (\$75.00).

(b) [Heat-producing equipment.]

(1) All heat-producing equipment—Gas (natural or liquified petroleum), oil, solid fuels, and electric heat (air distribution systems) shall be inspected and the following fees paid:

Fees

Wood stoves\$15.00

Floor furnaces15.00

Space heaters15.00

Unit heaters, Less than 100 B.T.U. (over 100,000 B.T.U., see schedule below)15.00

Wall heaters15.00

(2) According to B.T.U. input—Electric heat (air distribution systems), steel and cast iron boilers, hot water and steam systems, conversion burners (automatic firing), heat exchangers, and warm air and cooling systems, and water heaters over one hundred thousand (100,000) B.T.U., gas fired pool heater:

KW	B.T.U.	Fee Schedule
1 up to 29	Up to 100,000	\$15.00
29.1—44	101,000—150,000	17.00
44.1—59	151,000—200,000	19.00
59.1—73	201,000—250,000	23.00
73.1—79	251,000—300,000	25.00
79.1—117	301,000—400,000	28.00
117.1—146	491,000—500,000	31.00
146.1—174	501,000—600,000	34.00

175.1—234	601,000—800,000	38.00
234.1—293	801,000—1,000,000	40.00
	Over 1,000,000: per 500,000 or part thereof	15.00

(3) Nonresidential hood system face area of hood (square feet):

10 or less\$18.00

10.1 to less23.00

25.1 to 5029.00

50.1 to 7533.00

75.1 to 10039.00

Above 10052.00

(c) Heat pumps and air conditioners, chillers or refrigeration compressor rating—All heat pumps and air conditioners shall be inspected and the following fees paid:

Compressor up to:

Up to 5 H.P. or tons\$15.00

6—7 H.P. or tons16.00

8 H.P. or tons18.00

9 H.P. or tons20.00

10 H.P. or tons22.00

12½ H.P. or tons24.00

15 H.P. or tons26.00

20 H.P. or tons35.00

25 H.P.42.00

Each addition to 5 H.P. or 5 tons or part thereof15.00

(d) Fan coil units, air handling units with heating and/or cooling coils and ductwork attached, shall be inspected and the following fees paid:

0—6,000 B.T.U.\$ 8.00

6,001—12,000 B.T.U.10.00

12,001—20,000 B.T.U.12.00

20,001—30,000 B.T.U.16.00

30,001—40,000 B.T.U.18.00

Over 40,001 B.T.U.25.00

- (e) Blower and exhaust systems for dust, stock, flammable, and non-flammable vapor removal and conveying including bathroom exhaust fans:

Motor Horsepower

0—5 H.P.\$ 8.00

6—10 H.P.11.00

11—15 H.P.14.00

16—20 H.P.17.00

21—25 H.P.19.00

26 H.P. and over35.00

- (f) Replacement of duct system, renovation, alteration, addition to new or already installed duct system, for comfort heating or cooling:

Trunk line (each)\$7.00

Branch line (each)3.00

- (g) Permit fees for installation or replacement of any evaporative cooler in other than residences and multi-family houses, shall be:

0—25 H.P.\$20.00

26 H.P. and over35.00

- (h) Upon the return of any mechanical permit issued under this section, an amount equal to the minimum mechanical permit fee shall be retained by the inspector to cover administrative expenses connected with the issuance thereof.

- (i) For failure of a person to apply for and obtain a mechanical permit as required prior to commencement of a job, there shall be an additional fee in an amount equal to the permit fee itself.

Section 57. That Section 6-241 is hereby amended to read as follows:

Sec. 6-241. – **Reserved.** ~~Heating and refrigeration examining board.~~

~~(a) There is hereby created a board to be known as the heating and refrigeration examining board.~~

~~(b) The board shall consist of three (3) members. One (1) member shall be a representative of the fire department designated by the fire chief, one (1) member shall be a licensed heating contractor or a certified heating and refrigeration service person designated by~~

~~the director of the city's engineering and inspections department, and one (1) member shall be a representative of the public appointed by the council. The building inspector shall be an ex officio member of the board. Each member of the board shall have had at least five (5) years experience in his respective field. The members of the board shall be appointed for terms to expire on August 15. The time herein fixed for appointment is directory and not mandatory.~~

- ~~(c) The board shall meet at such intervals as may be necessary for the proper performance of its duties, but in any case not less than one year.~~
- ~~(d) The board shall establish standards and procedures for the qualification examination and licensing of heating and/or cooling mechanics, shall issue an appropriate license to each person who meets the qualifications therefore and successfully passes the examination given by the board, and shall perform such other duties as may be assigned it from time to time by the council. The board shall keep an official record of all its transactions.~~

Section 58. That Section 6-242 is hereby amended to read as follows d:

Sec. 6-242. – Reserved. ~~Examination of mechanics.~~

- ~~(a) No person shall engage in the business or trade of installing or servicing of refrigeration, heating and/or cooling equipment as a mechanic without submitting to an examination by, and securing a certificate from, the heating and refrigeration examining board. Any person who has been licensed by the state board of examiners of refrigeration or plumbing and/or heating contractors shall be exempt from examination by the heating and refrigeration examining board.~~
- ~~(b) Any person who fails to pass an examination as prescribed by the board may apply for reexamination after the expiration of thirty (30) days upon payment of the regular examination fee.~~
- ~~(c) Any person required to take a local examination and to be licensed as a heating and/or cooling mechanic shall make written application to the board. Examination fees for heating and/or cooling mechanics' licenses shall be fifty dollars (\$50.00) which is not returnable. Any person who fails to pass an examination as prescribed by the board may apply for reexamination after the expiration of thirty (30) days upon payment of the regular examination fee. There shall be an annual fee of twenty-five dollars (\$25.00) for renewal of a certificate as a licensed heating and/or cooling mechanic.~~
- ~~(d) Holders of mechanic's certificates shall be furnished by the board of examiners with evidence of their having been certified, in card form or otherwise, which shall be carried on the person of the holder while he is engaged in refrigeration, heating and/or cooling equipment installation and shall be exhibited on request of the building inspector or of any person on whose premises the holder is working.~~
- ~~(e) An appeal from the decision of this board upon denial of a license shall be only for errors of law and shall be taken to the superior court by certiorari.~~

Section 59. That Section 6-243, is hereby amended to read as follows:

Sec. 6-243. - Supervision of work, etc.

- (a) No person shall engage in the business of installing, repairing or altering refrigeration, heating and/or cooling equipment in the city unless the work performed in the course of such business is under the direct supervision of a licensed refrigeration, plumbing or heating and/or cooling contractor, except that repairs may be made by a certified serviceman.
- (b) All work must be done under the supervision of a licensed and bonded contractor, ~~and all installations and service work is to be done by a licensed mechanic.~~

Section 60. That Section 6-261, is hereby amended to read as follows:

Sec. 6-261. - ~~Reserved.~~ Civil liability

This article shall not be construed to relieve from or lessen the responsibility of liability of any party owning, operating, controlling or installing any plumbing devices, appliances or equipment for damages to person or property caused by any defect therein, nor shall the city be held as assuming any such liability by reason of the inspection authorized herein or the certificate of approval issued as herein provided.

Section 61. That Section 6-276, is hereby amended to read as follows and for use in Section 64:

~~DIVISION 2. — PLUMBERS~~

Sec. 6-276. – ~~Reserved.~~ Board of plumber examiners.

- ~~(a) There is hereby created a board to be known as the Greensboro Board of Plumber Examiners.~~
- ~~(b) The board shall be composed of three (3) members. One (1) member shall represent the county health department and shall be designated by the director of the city's engineering and inspections department, one (1) member shall be a plumbing contractor or a certified plumbing service person designated by the director of the city's engineering and inspections department, and one (1) member shall be a representative of the public appointed by council. The plumbing inspector shall serve as an ex officio member. The members of the board shall be appointed for terms to expire as of August 15. The time herein fixed for appointment is directory and not mandatory.~~
- ~~(c) The duties of the board shall be as follows:~~
 - ~~(1) To establish standards and procedures for the qualification, examination and licensing of journeymen plumbers, and to issue an appropriate license to each~~

~~person who meets the qualifications therefore and successfully passes the examination given by the board.~~

~~(2) To keep an official record of all its transactions.~~

~~(3) To perform such other duties as may be assigned it from time to time by the council.~~

~~(4) To meet at such intervals as may be necessary for the proper performance of its duties, but in any case, not less than once a year.~~

~~(d) An appeal from the decision of the board upon the denial of a license shall be only for errors of law and shall be taken to the superior court by certiorari.~~

Section 62. That Section 6-277, is hereby amended to read as follows and for use in Section 64:

Sec. 6-277. – Reserved. ~~Examination procedure.~~

~~(a) No person shall engage in the business or trade of installing or servicing a system of pipes, fixtures, apparatus and appurtenances upon premises or in a building in order to supply or convey water, sewage or waste to or from such premises or building without submitting to an examination by, and securing a certificate from, the board of plumber examiners. Any person who has been licensed by the state to engage in plumbing shall be exempt from examination by the board.~~

~~(b) Any person desiring to be licensed as a journeyman plumber shall make written application to the board of plumber examiners, accompanied by an examination fee of fifty dollars (\$50.00) which is not returnable. Any person who fails to pass an examination as prescribed by the board may apply for reexamination after the expiration of thirty (30) days upon payment of the regular examination fee. There shall be an annual renewal fee of twenty-five dollars (\$25.00) for a journeyman card.~~

Section 63. That Section 6-278, is hereby amended to read as follows and for use in Section 64:

Sec. 6-278. – Reserved. ~~Temporary certificate.~~

~~The board of plumber examiners may issue a temporary license pending examination, provided the applicant holds a similar license from an equivalent board. Such permit shall not be valid for more than sixty (60) days.~~

Section 64. That Section 6-262, is hereby amended to read as follows; including being broken into separate individually established and numbered sections 6-262-6-279:

Sec. 6-262. - ~~Plumbing regulations amended.~~ Definitions

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Plumbing includes all equipment, appliances, and installations covered by the North Carolina Plumbing Code.

Licensed plumbing contractor means a person who holds a current license issued by the state board of examiners of refrigeration, plumbing and heating contractors, in accordance with the provisions of North Carolina General Statutes Chapter 87, articles 2 and 5.

Sec. 6-263. – ~~Reserved.~~ Purpose and scope.

It is the purpose and intent of this article to provide certain minimum standards, provisions, requirements and inspections of equipment, appliances, and installations covered by the North Carolina Plumbing Code on premises or in habitable buildings or structures for the protection of the public safety and interest.

Sec. 6-264. - ~~Reserved.~~ Use of old or secondhand equipment.

Secondhand equipment must be approved by the plumbing inspector before reuse. All old plumbing equipment must be brought up to current code and obtain the necessary inspections for approval.

DIVISION 2. – ADMINISTRATION AND ENFORCEMENT

Part A. – General Provisions

~~Volume II, 1996 edition of the North Carolina State Building Code, entitled "Plumbing," as amended is hereby modified by adding the following subsections:~~

Sec. 6-265. – ~~Reserved.~~ General duties of plumbing inspector.

It shall be the duty of the plumbing inspector:

- (1) To enforce all state and local laws governing plumbing installations materials.
- (2) To issue permits for and to make inspections of all plumbing installations and such other permits and inspections as may be prescribed by the city council.
- (3) To grant permits for the installation or alteration of plumbing appliances and equipment and make inspections for all new plumbing installations and re-inspections as provide in this article.
- (4) To keep complete records of all permits issued, inspections and re-inspections made, fees collected, and other official work performed in accordance with the provisions of this chapter.

- (5) Perform other duties that may be required by the city manager in connection with the administration and enforcement of this article and other applicable plumbing equipment regulations.

~~"SECTION 101.1. DUTIES OF PLUMBING INSPECTOR.~~

~~"The plumbing inspector shall have the power, and it shall be his their duty, to enforce the requirements and provisions of this chapter; to approve or disapprove plans and specifications pertinent to plumbing within a reasonable time after receipt of an application; to issue permits, notices and certificates; to witness tests; and to perform other duties that may be required by the city manager in connection with the administration and enforcement of this chapter and other applicable plumbing regulations.~~

Sec. 6-266. ~~-Reserved.~~ Right of entry of plumbing inspector; authority to disconnect service.

The plumbing inspector shall have the right:

- (1) To enter during reasonable hours in accordance with applicable law any building in the discharge of their official duties, or for the purpose of making any inspection, re-inspection or test of the installation of plumbing devices, appliances and equipment contained therein.
- (2) To disconnect, or order the discontinuance of plumbing devices, appliances or equipment found to be dangerous to life or property because it is defective or defectively installed until such devices, appliances and equipment and their installation have been made safe and approved by the plumbing inspector.

~~"SECTION 101.2. RIGHT OF ACCESS FOR PURPOSES OF INSPECTION;
POWER TO CONDEMN, EXCEPTION.~~

~~"The plumbing inspector shall have the right to enter public or private property within the jurisdiction of this chapter in accordance with applicable law at such reasonable time as may be necessary for the performance of his duties. The plumbing inspector is empowered to condemn any plumbing system, or segment thereof, fixtures, apparatus, or appurtenances which are not installed, altered, or restored in accordance with the provisions of this chapter. In the interest of public health, the administrative authority further shall have the right to condemn any plumbing system or part thereof which is a detriment to health and require that same be remedied immediately.~~

~~"SECTION 101.3. DISCRETIONARY POWER; APPEAL.~~

~~"In the event that plumbing cannot be reasonably installed, altered, or restored in accordance with the provisions of this chapter due to structural barrier, the plumbing inspector shall have the discretion to allow modifications based upon generally accepted standards that will not jeopardize the public health or safety. Should any~~

~~controversy arise relating to the interpretation of this chapter, the master plumber may appeal to the board of building appeals whose decision shall be final, provided, however, an appeal therefrom may be taken to the superior court, as provided for in the city charter.~~

~~"SECTION 102.1. MASTER PLUMBER.~~

~~"(1) The words, "master plumber," when used in this chapter shall mean a person who holds a current license issued by the state board of examiners of plumbing and heating contractors, in accordance with the provisions of G.S. chapter 87, article 2, [G.S. § 87-16 et seq.].~~

~~"(2) No individual, firm, partnership or corporation shall engage in the business of installing, repairing, or altering plumbing in the City of Greensboro unless the plumbing work performed in the course of such business is under the direct supervision of a licensed master plumber, nor shall any master plumber, plumbing firm, partnership or corporation employ a helper or apprentice to perform plumbing work on any premises unless such work is done in the presence of and under the direct supervision and control of a licensed journeyman or a licensed master plumber.~~

~~"SECTION 102.2. JOURNEYMAN PLUMBER.~~

~~"(1) For the purpose of this code, the words "journeyman plumber" shall be deemed and held to mean a person who is skilled in the art of installing plumbing and who is employed by and under the supervision and jurisdiction of a master plumber.~~

~~"(2) No person shall engage in the business or trade of plumbing as a journeyman plumber in connection with the public or private water supply or with public or private sewers without submitting to an examination by, and securing a certificate from, the examining board hereinafter provided for; provided, that nothing in this article shall be construed to prohibit the working of one (1) helper or one (1) apprentice with each journeyman plumber.~~

~~"(3) Holders of journeyman plumber certificates shall be furnished by the board of examiners with evidence of their having been so certified, in card form or otherwise, which shall be carried on the person of the holder while he is engaged in plumbing work and shall be exhibited on request of the plumbing inspector or of any person on whose premises he is working.~~

Sec. 6-267. – ~~Reserved.~~ Condemnation of unsafe, etc., installations.

- (a) The plumbing inspector may condemn any plumbing system, or part thereof, units, apparatus, or appurtenances which are not installed, altered, or restored in accordance with the provisions of this article. In the interest of public safety, the plumbing inspector shall have the authority to condemn any plumbing system or part thereof which is a detriment to safety and require that same be remedied immediately.
- (b) If the plumbing inspector has reason to believe that an unsafe condition exists in habitable buildings or on premises, they may require the owner or agent thereof to provide for tests, and if defective materials or workmanship are revealed by such test,

the owner or agent shall immediately repair the system in accordance with the direction of the plumbing inspector.

Sec. 6-268. – ~~Reserved.~~ Stop work order.

Whenever it is found that the installation, alteration, or repair covered by this article is proceeding in violation of this article, a written order to stop work shall be posted on the premises. The stop work order shall pertain to any part or parts of the construction, alteration, or repair of the system which is in violation.

Part B. – Permits and Inspections

~~"SECTION 103.1. PERMITS REQUIRED; EXCEPTIONS.~~

Sec. 6-269. – ~~Reserved.~~ Permit and inspection required; exceptions

~~(a)~~ A permit shall be obtained from the plumbing inspector for the installation, extension, alteration, or general repair of any plumbing system, in accordance with the provisions of this chapter; however, the provisions of this chapter shall not apply to those who make minor repairs or replacements on the house side of a trap to an installed system of plumbing, provided such repairs or replacements do not disrupt the original water supply or the waste or ventilating systems. If a fixture is replaced, a permit shall be secured and the new fixture shall be inspected.

~~(b) Any permit required by this chapter may be issued to any person to do any work regulated by this chapter in a single-family dwelling used exclusively for living purposes, including the usual accessory buildings and quarters in connection with such building, provided the person is the bona fide owner of such dwelling and that the same will be occupied by said owner and that said owner shall personally purchase all materials and perform all labor in connection therewith.~~

Sec. 6-270. – ~~Reserved.~~ Property owner's permit

Any person may be permitted to perform plumbing work upon their own property except property intended for rent, sale or gift provided he first makes application for and obtains a property owner's plumbing permit from the plumbing inspector for the work contemplated. The plumbing inspector shall then issue a permit to the applicant to perform the work for which application was made. Such permit shall extend to the applicant only and shall not authorize the applicant to employ the services of any other person to assist him unless such other person is duly licensed. The permit granted the applicant shall automatically expire upon completion of the work. All work done under permit shall be subject to regular plumbing inspection requirements and fees and shall satisfy all requirements applicable to such work.

~~"SECTION 103.2. APPLICATIONS; PERMITS ISSUED TO MASTER PLUMBERS AND INSTALLERS.~~

~~"Permits to install plumbing shall be issued only to master plumbers or to the owner working on the residence in which he lives.~~

Sec. 6-271. – ~~Reserved.~~ Persons eligible for permits.

Permits to install plumbing equipment, appliances or installations shall be issued only to licensed plumbing contractors or the owner working on the residence in which he lives.

~~"SECTION 103.3. MASTER PLUMBER NOT TO SECURE PERMIT FOR OTHERS.~~

~~"No master plumber shall secure a permit from the plumbing inspector for another person.~~

~~"SECTION 103.4. APPLICATION; PERMITS REQUIRED BEFORE WORK BEGINS.~~

~~"Permits must be secured from the plumbing inspector before beginning the installation, alteration or restoration of plumbing.~~

Sec. 6-272. – ~~Reserved.~~ Securing permits for another.

No licensed plumbing contractor shall secure a permit under this division from the plumbing inspector for another person.

~~"SECTION 103.5. PERMIT MAY BE REVOKED; DAMAGES.~~

~~"At any time during the progress of the installation of plumbing, the plumbing inspector may revoke a permit for noncompliance with this chapter.~~

~~"SECTION 103.6. PERMIT MAY BE REFUSED.~~

~~"Additional permits shall not be issued to any master plumber during a period in which he refuses to correct defects in the installation of plumbing in accordance with an order of the plumbing inspector.~~

Sec. 6-273. – ~~Reserved.~~ Revocation of permits.

At any time during the progress of the installation of plumbing equipment, the plumbing inspector may revoke a permit required by this division for noncompliance with this article.

~~"SECTION 104.1. INSPECTION REQUIRED.~~

~~"All plumbing installation subject to this chapter shall be inspected by the plumbing inspector before any part thereof is covered.~~

Sec. 6-274. – ~~Reserved.~~ Inspections required.

All plumbing equipment installations shall be inspected by the plumbing inspector before any part thereof is covered. All plumbing systems will be inspected in their entirety.

~~"SECTION 104.2. FINAL INSPECTION.~~

~~"When the installation, alteration or restoration of plumbing has been completed in accordance with the provisions of this chapter, a request for final inspection by the master plumber.~~

Sec. 6-275. – ~~Reserved.~~ Final inspection.

Upon completion of any installation for which a permit and inspection is required by this division, it shall be the duty of the person installing same to notify the plumbing inspector, who shall inspect the installation as soon thereafter as practicable.

~~"SECTION 105.4. FINAL CERTIFICATE OF INSPECTION.~~

~~"After the final inspection and test of plumbing, if the plumbing inspector approves of the plumbing, he shall issue a certificate of compliance to the master plumber. A property owner or his agent shall be entitled to a copy of the certificate of compliance upon request to the plumbing inspector.~~

Sec. 6-276. – ~~Reserved.~~ Final certificate of inspection.

After the final inspection and test of plumbing equipment, if the plumbing inspector approves of the installation, alteration, or repairs, they shall issue a certificate of compliance to the plumbing contractor. A property owner or their agent shall be entitled to a copy of the certificate upon request to the plumbing inspector.

Sec. 6-277. – ~~Reserved.~~ Materials and labor for tests.

All equipment, material, power, and labor necessary for inspection and tests under this article shall be furnished by the plumbing contractor.

~~"SECTION 106.1. PERMIT FEES.~~

Sec. 6-278. – ~~Reserved.~~ Schedule of fees.

- (a) Before any permit is granted for the installation or alteration of plumbing equipment, the person making application for such permit shall pay to the city permit clerk a fee in such amount as specified below, or the fees may be paid to the city permit clerk on or before the tenth day of the month following date of application for permit; provided, that in the event of default in payment of fees, no permit will be issued to or application received from the person in default until such time as the fees are paid in full:

"(1) Minimum fee: the total of fees due for any permit shall be not less than seventy-five dollars (\$75.00). The following fees shall be charged for inspections:

Air conditioning unit	\$ 7.00
Backflo preventor	15.00
Bathtub	7.00
Catch basin	7.00
Dental chair	7.00
Drinking fountain	7.00
Feedwater treatment unit	7.00
Floor drain	7.00
Garbage disposal unit	7.00
Interceptor	7.00
Laundry tray	7.00
Lavatory	7.00
Miscellaneous fixture not otherwise listed	7.00
Roof leaders	7.00
Shower	7.00
Sink	7.00
Trailer coach (each space)	7.00
Urinals	7.00
Washing machine	7.00
Water closet	7.00
Water softener unit	7.00
Water storage tank	7.00
Electric water heater	7.00
Fired coil water heater	7.00

Fired storage water heater7.00

Sewer7.00

Minimum inspection fee75.00

First follow-up inspection fee45.00

Second and each subsequent follow-up inspection fee45.00

"(2) The fees prescribed above shall apply to all old work as well as new and to inspections made necessary by moving any house from one (1) location to another or by raising the house and shall apply when it is necessary for any reason to set, reset or replace any fixture, hot water storage tank, or water heater.

"(3) Upon the return of any plumbing permit issued under this section, an amount equal to the minimum plumbing permit fee shall be retained by the inspector to cover administrative expenses connected with the issuance thereof."

"(4) For failure of a person to apply for and obtain any plumbing permit as required prior to commencement of a job, there shall be an additional fee in an amount equal to the permit fee itself."

~~"SECTION 107.1. INDUSTRIAL WASTES.~~

~~"Before the issuance of permits for the installation of plumbing systems in hospitals, chemical plants, laundries, abattoirs, or any other industrial plant, a statement shall be filed at the office of the plumbing inspector as to what substances, ingredients or matter, other than the usual wastes from the human body, will be discharged by the house sewer.~~

~~"SECTION 107.2. PLUMBING FOR TENEMENTS AND CERTAIN OTHER BUILDINGS.~~

~~"Every owner of any tenement house, boarding and lodging house, workshop, store or manufactory shall provide adequate plumbing fixtures for such houses or tenements and for the lodgers or workers therein, where such building property line abuts a street or alley wherein is laid a public sewer. All water closets shall be located in a well lighted and ventilated room and shall be kept in a sanitary condition. A lavatory, commode, kitchen sink, and bathtub or shower is required for each living unit. All fixtures except the commode shall be supplied with hot and cold water.~~

~~"It is specifically provided that nothing contained in this section 107.2 or in any other section of the building code in effect in the City of Greensboro shall require the owner or lessee of any building to provide a plumbing system of any kind or plumbing fixture of any kind so long as such building complies with each of the following requirements:~~

~~"(a)The exterior dimensions of such building are such that the total area of the building does not exceed forty-five (45) square feet.~~

~~"(b)The building be used in a manner so that the general public does not enter said building for the transaction of business.~~

~~"(c) No more than one (1) employee is present in the building at any one (1) time.~~

~~"(d) The owner or lessee make arrangements so that rest room facilities are available to the employee within three hundred (300) feet of the building.~~

~~"SECTION 107.3. RUNNING WATER REQUIRED TO SERVE DWELLING UNITS AND APARTMENTS.~~

~~"It shall be unlawful for any occupant of a dwelling unit or apartment to occupy said dwelling unit or apartment unless running water from the available water of the city water system is provided to the required plumbing fixtures.~~

~~"The inspector shall post on the main entrance to any occupied apartment, apartment building or single or multiple dwelling unit, where running water is not provided as required by this section, a sign to read: 'Condemned. No water. Occupant must vacate within 48 hours.' The erection of said sign shall be notice to the occupant of said apartment or dwelling unit of a violation of the provisions of this section. The occupant of any apartment or dwelling unit found to be in violation of the provisions of this section shall, within forty-eight (48) hours of the posting of the inspector's sign, provide running water to all required fixtures or vacate the property.~~

~~"The provisions of this section shall supersede those provisions for condemnation outlined in Chapter 7 of the Greensboro Code of Ordinances. The inspector shall not be required to employ the procedure outlined in Chapter 7 to effectuate the provisions of this section.~~

~~"SECTION 108.1. LOCATIONS OF WINDOWS IN RELATION TO VENT STACKS.~~

~~"If a structure is built higher than an existing structure, the owner of the structure shall not locate windows within ten (10) feet of any existing vent stack on the lower structure, unless the owner of such higher structure shall defray the expenses of or shall himself make such alterations as are necessary to conform with the provisions of this chapter.~~

~~"SECTION 109.1. ENFORCEMENT.~~

~~"(1) When an inspection is called for and upon arrival installation is found not ready for inspection, an inspection penalty charge will be made. See schedule of fees for this charge.~~

~~"(2) The requirements set forth under this code shall apply to all plumbing within the city limits as now or hereafter fixed.~~

~~"(3) Whenever it is found that the installation, alteration or repair covered by this chapter is proceeding in violation of this chapter, a written order to stop work shall be posted on the premises. The stop work order shall pertain to any part or parts of the construction, alteration or repair of the system which is in violation.~~

~~"SECTION 110.1. DRAINAGE BELOW SEWER LEVEL.~~

"If the owner of any building or structure starts and installs any plumbing fixtures in or above a floor which is below the top of the nearest downstream manhole on the sewer line which serves the building, the city shall not be liable for any damage arising from such installation, and the owner shall be deemed to have released the City of Greensboro from any claim for damage caused by sewage back up into any such plumbing fixtures.

~~"SECTION 111.1. SPECIAL RULES AND REGULATIONS.~~

~~"Homogenous bituminized fiber sewer pipe is hereby added to the approved materials listed in table 505 for use within the City of Greensboro. Installations must meet the current standards of model plumbing codes, such as the current Standard Plumbing Code."~~

Section 65. That all laws and clauses of laws in conflict with the provisions of this ordinance are repealed to the extent of such conflict.

Section 66. That this ordinance shall become effective immediately upon its adoption.