O-16-74

ORDINANCE NO. _____

AN ORDINANCE ADOPTING A CHAPTER ON BUILDINGS AND BUILDING REGULATIONS AS PART OF THE NORTH LITTLE ROCK MUNICIPAL CODE; REPEALING CERTAIN CODE SECTIONS; DECLARING AN EMERGENCY; AND FOR OTHER PURPOSES.

WHEREAS, pursuant to Arkansas law, the City of North Little Rock ("the City") is authorized to adopt regulations by reference (Ark. Code Ann. §47-55-207) and to codify all or part of its ordinances (Ark. Code. Ann § 14-55-701); and

WHEREAS, in order to protect public health, safety and general welfare as they relate to the construction and occupancy of buildings and structures, the City has adopted certain standards and regulations for buildings and non-building structures; and

WHEREAS, it is in the best interests of the citizens and residents of the City of North Little Rock that an updated and more comprehensive chapter on Buildings and Building Regulations be adopted (Planning Department Overview of new Code Chapter attached hereto as Exhibit "A").

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF NORTH LITTLE ROCK, ARKANSAS:

SECTION 1: That North Little Rock Municipal Code Chapter 04 for **Buildings and Building Regulations**, attached hereto as Exhibit "B" and incorporated herein by reference, is hereby adopted in its entirety.

SECTION 2: That three (3) copies of this ordinance shall be filed with the Office of the City Clerk and on the City web site for inspection and view by the public prior to adoption.

SECTION 3: That all ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of the conflict. Specifically, Chapter 18 of the old North Little Rock Municipal Code is hereby repealed in its entirety.

SECTION 4: That the provisions of this Ordinance are hereby declared to be severable, and if any section, phrase or provision shall be declared or held invalid, such invalidity shall not affect the remainder of the sections, phrases or provisions.

SECTION 5: It is hereby found and determined that the adoption of a new code chapter for Buildings and Building Regulations is immediately necessary to provide uniformity in policies for building standards in the City, thereby insuring the proper and orderly growth of the City of North Little Rock, Arkansas, and being necessary for the

immediate preservation of the public health, safety and welfare; THEREFORE, an emergency is hereby declared to exist, and this Ordinance shall be in full force and effect from and after its passage and approval.

PASSED:

APPROVED:

Mayor Joe A. Smith

SPONSORS:

Mayor Joe A. Smith

ATTEST:

Diane Whitbey, City Clerk

APPROVED AS TO FORM:

C. Jason Carter, City Attorney

PREPARED BY THE OFFICE OF THE CITY ATTORNEY/b

FILED 11:50 A.M. _____ P.M.
By City Attorney Carter
DATE 11/8/16

Diane Whitbey, City Clerk and Collector
North Little Rock, Arkansas

RECEIVED BY T. McGraw

The City of
NORTH LITTLE ROCK
OFFICE OF COMMUNITY PLANNING
120 Main St. • North Little Rock, AR 72114-2134
Phone (501) 975-8835 • Fax (501) 975-8837

EXHIBIT
tabbies "A"

ARTICLE ONE

- All the current adopted codes are grouped together for easy reference.
- All the common general notes from all articles are combined into this first section. Some of the notes were repeated up to 3 times in the previous version.
- All the fees (building, electric, plumbing, mechanical) are grouped together. No changes were made to the fee schedule. Some of the fees were listed twice in the previous version.

ARTICLE TWO

Existing provisions for exterior repairs.

ARTICLE THREE

Sections 3.1.1 and 3.1.2 are existing provisions in the 1982 NLR Electric Code that are currently used daily by the City's Inspectors.

ARTICLE FOUR

- Existing provisions for Plumbing Inspections.
- Sections 4.2.2 (L) (M) (N) are new.

ARTICLE FIVE

Mechanical is a new section due to the Mechanical Inspector position being recently filled.

ARTICLE SIX

Development Fees and Permits is a new section. The development fees ordinances have been grouped together in one location. No changes were made to the fee schedule.

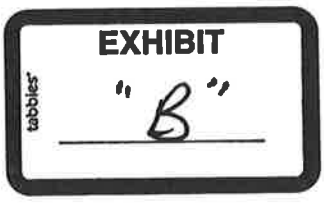
SECTIONS REMOVED

- Dangerous Fences – covered in the zoning ordinance.
- Residential Design Standards – covered in the zoning ordinance
- Any reference to the "Board of Electrical Examiners" – this board has not met in over 20 years. Its purpose was to give homeowners the ability to do all electrical work inside and outside of their house. This was eliminated State wide years ago, but never removed from the Municipal Code.
- Energy efficiency code – was adopted in 1979 and has long since been outdated and no longer useful.
- Swimming Pool Standards – are now covered under 2012 AR Fire Prevention Code

NORTH LITTLE ROCK, ARKANSAS
MUNICIPAL CODE

Chapter 4

BUILDINGS and
BUILDING REGULATIONS



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ARTICLE ONE
REGULATIONS

Section 1
IN GENERAL

1.1.1 Codes adopted.

(A) 2012 Arkansas Fire Prevention Code

(B) 2014 National Electrical Code

(C) 2006 Arkansas Plumbing Code

(D) 2006 Arkansas Fuel Gas Code

(E) 2010 Arkansas Mechanical Code

(F) 2010 American Disability Act

1.1.2 Permit required.

(A) It shall be unlawful for any person to install, repair, replace or perform any work in the City without a permit from the Community Planning Department, except:
  (1) Painting, interior or exterior
  (2) Any floor covering

(B) When a project consists of more than one structure, each separate structure shall have a separate permit.

1.1.3 Persons eligible for permits.

Permits to perform work shall be issued by the Community Planning Department only to persons meeting the following requirements:

(A) Property owners
  (1) Any property owner who acts as a residential building contractor for the purpose of constructing his own personal residence may be issued a building permit, provided that the property owner does not construct more than one residence per calendar year. The property owner does not need to submit proof of a residential building contractor's license, a bond or a business license.

  (2) Any property owner who acts as a residential building contractor for the purpose of doing repairs, remodeling, or additions to his own personal residence may be issued a building permit. The property owner does not

need to submit proof of a residential building contractor's license, a bond or a business license.

(3) Any property owner who acts as a building contractor for the purpose of constructing his own commercial structure(s) may be issued a building permit. The property owner does not need to submit proof of a building contractor's license, a bond or a business license.

(B) Contractors:

(1) Any contractor doing business in the City shall provide a bond with a surety bonding company in the sum of $10,000 to indemnify the City or any citizen for any damage caused by the failure of such contractor to comply strictly with the provisions of Chapter 4. No permit shall be issued to any contractor unless such bond has been provided and is in full force and effect.

(2) Any contractor doing business in the City shall provide a current city business license from any city in the State of Arkansas.

(3) Any contractor doing business in the City shall provide a current State of Arkansas Contractor's License.

(C) *Exceptions*: No person may be issued a building permit to install, repair, replace or perform any work in the City upon a structure that has been declared to be a public nuisance, unless authorized by City Council.

1.1.4 Violations.

Any person found to be in violation of this Chapter shall be penalized as provided for in NLRMC Chapter 1, Section 1.3.1 (Penalty for violations).

1.1.5 Right of entry.

Any Inspector (electric, plumbing, mechanical, building), the Building Official, and/or the Director of Community Planning or his agents shall have the right to enter any building, property or premises in the discharging of his duties or for the purpose of making any inspection or tests.

1.1.6 Enforcement.

It shall be the duty of any Inspector (electric, plumbing, mechanical, building), the Building Official, and/or the Director of Community Planning or his agents, to see that all provisions of this Chapter are fully complied with, and to inspect all the work done and to keep proper and permanent records of such inspections. The Inspector shall report the result of inspections to the general contractor or to the owner of the building or structure in or on which the work is being done or has been done, shall cause to be corrected any deviation from the requirements of this Chapter, or issue approval when such requirements are found to be satisfied.

1.1.7 Inspection; tests; condemnation of violations.
It shall be the duty of any Inspector (electric, plumbing, mechanical, building), the Building Official, and/or the Director of Community Planning or his agents) to inspect all work. He shall be empowered to make such tests as he may deem necessary to ascertain the condition of such work and he will have the right to compel the removal of any obstructions such as lath, plastering, ceiling or flooring which may hinder a full and complete inspection of such work. When such work is not in accordance with the requirements of this article, or are found to be unsafe to life or property, he shall have the right to condemn such work as provided in this Chapter.

1.1.8 Suspension of work.
Any Inspector (electric, plumbing, mechanical, building), the Building Official, and/or the Director of Community Planning or his agents shall have the power to issue citations for the violation of any of the provisions of this Chapter and to compel the suspension of any work being done in a manner prohibited by this article.

1.1.9 Interference with Inspector or Building Official.
It shall be unlawful for any person to hinder or interfere with an Inspector (electric, plumbing, mechanical, building), the Building Official, and/or the Director of Community Planning or his agents in the discharge of their duties under this Chapter.

1.1.10 Penalties (working without a permit).
Where work for which a permit is required under this Chapter, is started or proceeded prior to obtaining said permit, the fee herein specified shall be tripled, but the payment of such triple fee shall not relieve any persons from fully complying with the requirements herein, in the execution of the work nor from any other penalties prescribed herein. No additional permits shall be granted until all fees have been paid.

1.1.11 Expiration of permits.
All permits issued by the Community Planning Department shall expire one year from the date of issuance. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced.

1.1.12 Extension of an unexpired permit.
A permittee holding an unexpired permit may apply for a one-time 30 day extension provided he can show good satisfactory reason, and beyond his control, that the work cannot be commenced within the one year period from the issue date. A fee of $30.00 shall be assessed for the extension.

1.1.13 Extension of an expired permit.
A permittee holding an expired permit may apply for 6 month permit within 30 days of the expiration date. The permit fee shall be one-half the amount required for a new permit, provided no changes have been made in the original plans and specifications for

such work. In order to renew work on a permit after 30 days of the expiration date, the permittee shall pay a fee in accordance with this Chapter.

1.1.14 Change of Contractor.
In cases where a change in contractor is made prior to completion of the job. The permit fee shall be assessed based on the stage of approval of inspections. The fee assessment shall be prorated in accordance with the number of remaining inspections.

1.1.15 Special Districts.
(A) Argenta Historic District. The building permit fees listed in herein shall not apply to work that is performed on a historic building within the Argenta Historic District.

1.1.16 Special provisions for permits.
(A) No building permit shall be issued authorizing repair, construction, reconstruction or alteration of any building or structure proposed to be or lying within the bounds of proposed public facilities, such as streets, schools, highways, fire stations and other public buildings and areas which have been reserved for acquisition by a public body or agency. Such reservation shall be indicated on the appropriate section of the municipal plan as is now or may hereafter be in full force and effect. Nothing in this section shall apply to emergency repairs.

(B) Upon application by any person for a building permit for a building or structure located or to be located within the bounds of a proposed public facility as described in subsection (A) above, the Director of Community Planning shall deny the permit, notifying the applicant of the reason for denial; and the Director shall, within seven days, notify the public agency or body responsible for acquisition of the land in question of his action denying the building permit.

(C) The Department of Community Planning shall issue the building permit as originally applied for if the public agency responsible for acquisition of the property has not purchased, optioned or condemned the land within 90 days of the receipt of notice from the Director.

1.1.17 Permits for buildings or houses condemned by City Council.
(A) No permit shall be issued without City Council approval for any structure (non-residential or residential) that has been condemned by City Council.

(B) This section does not affect any existing City regulations regarding the need to obtain demolition permits.

1.1.18 Work located out of City limits.
Work located out of City limits shall be charged an additional surcharge of 50% of total permit charge.

1.1.19 Appeals.

(A) Whenever any Inspector (electric, plumbing, mechanical, building), the Building Official, and/or the Director of Community Planning or his agents refuses or rejects a permit or inspection, the contractor, owner, or a duly authorized agent may appeal such decision to the Housing and Building Board of Adjustment if he claims that:

(1) The provisions of this article do not apply; or
(2) This article has been misconstrued or wrongly interpreted.

(B) A notice of appeal shall be in writing and filed with the Board within 30 days after the decision has been rendered by the inspector. The inspector may limit the time for such appeals to a shorter period if, in the opinion of any Inspector (electric, plumbing, mechanical, building), the Building Official, and/or the Director of Community Planning determines it is unsafe or dangerous.

1.1.20 Liability.

Any Inspector (electric, plumbing, mechanical, building), the Building Official, and/or the Director of Community Planning or his agents charged with the enforcement of Chapter 4 or other chapter of this Code, while acting for the City in good faith and without malice in the discharge of the duties required by Chapter 4 or other chapters of this Code, shall not thereby be rendered liable personally and is hereby relieved from personal liability for any damage accruing to persons or property as result of any act or by reason of an act or omission in the discharge of official duties.

Section 2
PERMIT FEE SCHEDULES

The following are hereby established as permit fee schedules for building, electrical, plumbing, mechanical and other related work in the city:

1.2.1 General fees.

(A)	Inspection	$ 15.00
(B)	Investigative inspection	$ 30.00
(C)	Duplicate permit cards (lost, stolen, misplaced, etc.), per card	$ 5.00
(D)	Duplicate copy of certificate of occupancy	$ 10.00

1.2.2 Re-inspection fee.

A re-inspection fee of $25 will be charged when an additional trip is made by an inspector due to rejections, lockouts, insufficient information as to location of building or structure, work not ready for inspection, or any other cause due to neglect or failure on the part of the applicant.

1.2.3 Minimum permit fee.

The minimum fee is $30; except fences, retaining walls and demo permits.

1.2.4 Minor residential repairs made by owner.
A no charge building permit shall be required for home repairs, when such repairs cost less than $2,500 and are repaired by the owner of the structure. This provision shall apply to all homes regardless of whether or not they are homeowner occupied. This provision is not meant to exempt any person from complying with State Law.

1.2.5 Act 474 of 1999 surcharge.
As required by Act 474 of 1999, a surcharge of $0.50 per each $1,000.00 of construction authorized on any non-residential construction permit issued by the City will be imposed, with a maximum surcharge to be $1,000.00.

1.2.6 Commercial and industrial building permit fees.

(A) Permit fees:

Total Valuation	Fee
$100.00 and less	No fee, unless inspection required, in which case A $15.00 fee for each inspection shall be charged
$101.00 to $50,000	$30.00 for the first $2000.00 plus $3.25 for each additional thousand or fraction thereof, to and including $50,000.00
$50,001 to $100,000	$162.00 for the first $50,000.00 plus $2.75 for each additional thousand or fraction thereof, to and including $100,000.00
$100,001 to $500,000	$274.50 for the first $100,000.00 plus $2.25 for each additional thousand or fraction thereof, to and including $500,000.00
$500,000 and up	$974.50 for the first $500,000.00 plus $1.75 for each additional thousand or fraction thereof.

(B) Plan review fee. When the valuation of the proposed construction exceeds $500.00 and a plan is required to be submitted by the Arkansas Fire Prevention Code, a plan review fee shall be paid to the building official at the time of submitting plans and specifications for checking. Said plan review fee shall be equal to one-fourth of the building permit fee as set forth in the Arkansas Fire Prevention Code. Minimum fees shall be $50.00 for new construction (added square feet) and $30.00 for repair, remodels and miscellaneous permits requiring plan review. Such plan review fee is in addition to the building permit fee and is nonrefundable.

(C) House moving fees ..... $ 50.00
Inspection fee if it is inside the city limits 30.00

(D) Demolition of structure ..... $ 25.00
Accessory building 10.00

(E) Blasting fee. In addition to insurance and bond as required in Ordinance 6328, Section 5, a permit fee of $30.00 per day shall be paid.

(F) Parking lot fees (impervious surface), per square foot .... $ 0.03

(G) Tent permit ..... $ 30.00

(H) Swimming pools ..... $ 40.00

(I) Fuel tanks and pumps:
Each (new or replacement) ..... $ 40.00

(J) Miscellaneous permit fees:
New towers from ground up, per foot ..... $ 25.00
Fences and retaining walls ..... $ 25.00

Satellite dishes, co-located towers, cell sites, fire alarm systems and any other miscellaneous permit, unless previously outlined, shall be set forth in the unit cost schedules set out in subsection (A) above in this section.

1.2.7 Residential Building Permit Fees.

(A) Permit fees:

Total Valuation	Fee
$100.00 and less	No fee, unless inspection required, in which case A $15.00 fee for each inspection shall be charged
$101.00 to $50,000	$30.00 for the first $2000.00 plus $2.75 for each additional thousand or fraction thereof, to and including $50,000.00
$50,001.00 to $100,000	$162.00 for the first $50,000.00 plus $2.25 for each additional thousand or fraction thereof, to and including $100,000.00
$100,001.00 to $500,000	$274.50 for the first $100,000 plus $2.25 for each additional thousand or fraction thereof, to and including $500,000
$500,000.00 and up	$974.50 for the first $500,000 plus $1.75 for each additional thousand or fraction thereof.

(B) Demolition of structure ..... $ 25.00

(C) Swimming pools ..... $ 40.00

(D) Fences ..... $ 15.00

1.2.8 Electrical Permit Fees.

(A) New construction:
One and two family dwellings, per square foot under roof ..... $ 0.05
All other occupancies .....
As set forth in the unit cost schedules in Section 1.2.7(A) above.

(B) Repair/addition to existing construction .....
As set forth in the unit cost schedules in Section 1.2.7(A) above.

(C) Various fees:

Meter loops:

First	$	12.00
Additional	$	6.00

Load centers (regardless of voltage):

Up to 60 amp	$	7.00
Up to 100 amp	$	14.00
Up to 150 amp	$	22.00
Up to 200 amp	$	30.00
Over 200, per 100 amp over 200 amp	$	4.50

Openings:

01 to 10	$	5.50
11 to 20	$	10.00
21 to 40	$	17.50
41 to 60	$	22.50
61 to 80	$	26.50
81 to 100	$	28.50
101 to 200	$	46.00
201 to 300	$	58.00
301 to 400	$	66.50
Over 400, for each 25 over 400	$	4.00

Motor and generator wiring:

1/8 to 1 H.P. or K.W	$	4.00
2 to 4 H.P. or K.W	$	7.00
4 to 10 H.P. or K.W	$	10.50
11 to 15 H.P. or K.W	$	13.50
16 to 20 H.P. or K.W	$	16.50
21 or over H.P. or K.W	$	20.00

Fraction horsepower motors can be grouped for their total horsepower and paid for as one unit.

Temporary construction meter	$	15.00
Temporary power to building	$	18.00
Outside electrical signs	$	15.00
Electrical window signs	$	15.00
Neon borders, window or outside	$	15.00
Sign boards, regular permit	$	5.50
Rectifiers	$	13.50
Smoke detectors, each	$	4.00

For inspection purposes smoke detectors may be grouped in a ratio of five detectors to one inspection provided that all detectors are ready for inspection at the same time and are located in the same structure.

Motion picture machines	$	12.00
Electric stoves, ranges, dryers, water heaters	$	12.00
X-ray machines	$	12.00
Vent hoods/bath fan/exhaust fan	$	4.00
Dishwashers/trash compactors	$	4.00
Disposals/ceiling fans	$	4.00
Electric heat:		
One to 15 K.W	$	5.50
16 to 25 K.W	$	9.50
Special circuits such as window air conditioners:		
20 to 30 amp	$	6.50
30 to 60 amp	$	8.50
Special equipment per 1,000 watts	$	3.00
Temporary decorative lights:		
Outdoor sales and display lights:		
Meter loop	$	12.00
Each circuit	$	12.00
Each 50 Lamps	$	3.00

(E) Temporary power requirements. Before any power is supplied to the permanent distribution system of a building under construction, notice must be submitted to the Department of Community Planning noting the length of time the temporary power will be needed before the final electrical inspection is made, the understanding that the structure will not be occupied until after the final inspection, and that the party submitting the request will assume liability of any damage incurred as a result of disconnection of power from the building as a result of a violation of this ordinance. The time limit on temporary power being furnished to the building will be determined on the basis of need, not to exceed 30 days. An extension of time may be granted only by special permission.

1.2.9 Plumbing Permit Fees.

(A) New construction:

One- and two-family dwellings, per square foot under roof	$	0.05

All other occupancies – As set forth in the unit cost schedules in subsection (B) below.

(B) Repair/alterations/addition to existing construction:

Unit costs, each plumbing fixture outlet or appliance	$	4.00

which shall include each water closet, urinal, bidet, sink, lavatory, basin, laundry sink, wash tray, dishwasher, garbage disposal, ice maker, beer or soda fountain, bath tub, hot tub, shower, sauna, drinking fountain, wet bar, washing machine, hose cabinet or hose rack, fire pump, sewer ejector, cooling tower, sill cock, dental unit, hub drain, floor, area or roof drain, sand trap, grease trap, sump pump or any other plumbing element commonly known as plumbing fixture.

Water service	$	25.00
Lawn sprinkler service	$	25.00
Water house piping	$	12.00
Swimming and wading pools	$	12.00
Renewal of soil, waste or vent lines (each branch or stack)	$	5.50
Gas service (up to five meter openings)	$	15.00
Gas house piping (up to five openings)	$	15.00
Each additional opening	$	3.00
Each gas-fired appliance	$	13.00
Shall include each water heater, floor furnace, unit heater, vented wall furnace, commercial clothes dryer, commercial range or oven, or other gas fired appliance not specifically mentioned excluding portable heating stoves and space heaters		
Domestic gas-fired appliance—Ranges, clothes dryer	$	3.00
Renewal of gas-fired appliance vent	$	5.00

1.2.10 Heating/Air Mechanical Permit Fees.

(A) New construction:

One- and two-family dwelling, per square foot	$	0.05
All other occupancies – As set forth in the cost schedules in subsection (B) below.		

(B) New commercial, replacements, repairs, alterations and additions.

Heating, ventilating, ductwork, air conditioning, boilers, and refrigeration systems shall be $30.00 for the first $1,000.00, or fraction thereof, of valuation of the installation plus $3.00 for each additional $1,000.00 or fraction thereof. (Boiler permits only issued with proof of special boiler license.)

ARTICLE TWO
BUILDING

Section 1
SPECIAL PROVISIONS FOR EXTERIOR REPAIRS

2.1.1 Work, compliance with ordinance.
The Community Planning Department shall issue no building permits for repair, remodeling or siding work unless the Building Official has determined that such work and materials will, when completed, comply with all ordinances of the city.

2.1.2 Repairs to substandard structure; conditions to be corrected before certain permits issue.
When exterior repairs are contemplated to a re-habitable but substandard structure and where such work only partially rehabilitates, while the structure remains substandard after the completion of the work, the building must first be found to be structurally sound by the Building Official, and any and all of the following conditions shall be corrected before a permit will be issued for any siding work:

(1) Foundation shall be repaired when there are indications of uneven settlement, cracked foundations or out of plumb corners.

(2) Curtain walls of masonry material shall be installed if needed with adequate vents provided for the crawl space.

(3) All joints shall be adequately caulked or flashed.

(4) Appropriate methods of termite and decay protection shall be used and all wood showing indications of decay and/or infestation must be replaced.

(5) Gutters and downspouts shall not be loose or damaged and shall drain properly.

(6) There shall be no indications of delamination in any plywood used.

(7) The structure's roof shall not sag and must not give indication of leaks to the interior.

(8) Exterior walls shall be plumb and without bulges.

(9) All doors and windows shall be painted, re-glazed and weather-stripped as needed.

(10) Attic and crawl space shall be adequately vented and the vents must be screened.

(11) All siding which is loose, cracked, split or warped shall be replaced and any indication of water leakage shall be corrected.

2.1.3 Changes in work in progress; workmanship.
Where there are any changes in the work, including substitutions of materials, changes in the scope of workmanship required or which may be proposed by the contractor, or found necessary or desirable as the work progresses, such changes shall be approved by the Building Official before any work incidental thereto is commenced. Workmanship shall conform to generally accepted good practice.

2.1.4 Materials.
Materials shall be in good condition, and of standard grade unless otherwise stipulated in the specifications filed with the Building Official and approved by him. Where the repair of existing structural material is called for, the materials are to be placed in "equal to new" condition, either by patching or replacement; all the damaged, loose or rotted parts shall be removed or replaced and the finished work shall match the adjacent material in design and dimension.

ARTICLE THREE
ELECTRICAL

Section 1
IN GENERAL

3.1.1 New Construction.

(A) The only allowed use of 14 gauge wire shall be on smoke detectors and lighting, but it must be on 14 gauge circuits.

(B) Residential receptacles shall be wired with no less than 12 gauge wire and no more than 8 outlets per circuit; except any kitchen shall have no more than 4 outlets per circuit.

(C) Commercial and industrial receptacles shall be wired with no less than 12 gauge wire and no more than 6 outlets per circuit.

3.1.2 New Installation or Replacement of Meter Loops and New Breaker Panels.

(A) Before a temp to perm power can be approved all sheet rock shall be installed.

(B) A bonding bar shall be required at the meter loop.

(C) A main disconnect or breaker shall be installed outside of any building.

(D) The point of attachment for the service wire from the ground shall be no less than 14 feet.

(E) The smallest aluminum wire allowed in meter loops shall be no less than 4/0.

(F) No ring type meter sockets are allowed.

3.1.3 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:

Apprentice means a natural person working or serving to learn or to be skilled in any branch of the electrical business.

Electrical contractor means any person, member, or employee of a firm, partnership, or corporation engaged in the business of installing, erecting, repairing, or contracting to install, erect, or repair electrical wires or conductors to be used for the transmission of electric light, heat, power, or signaling purposes, or to install or repair moulding, ducts, raceways or conduit for the reception or protection of such wires or conduits, or any

electrical machinery, apparatus, or systems to be used for electrical light, heat, power, or signaling purposes.

Electrical elevator contractor means any natural person engaged in the business of installing, repairing and maintaining electrical equipment and apparatus from the main-line switch located in the penthouse or machine room to control all electrical equipment and apparatus for elevators. The actual work shall be done by a qualified master, journeyman or specialist elevator electrician.

Electrical refrigeration contractor means any person engaged in the business of installing, repairing or maintaining electrical equipment in connection with refrigeration. The actual work shall be done by a master, journeyman or specialist refrigerator electrician.

Electrical refrigeration repair contractor means any person engaged in the business of repairing or maintaining electrical equipment in connection with refrigeration. The actual work shall be done by a qualified master, journeyman or specialist refrigeration electrician.

Electrical sign contractor means a person engaged in the business of manufacture, installation, erection and repair of electrically illuminated or operated signs.

Journeyman electrician means any individual who possesses the necessary qualifications, training, and technical knowledge to install, maintain, and extend electrical conductors and equipment. He shall be capable of doing such work in accordance with plans and specifications furnished him in accordance with standard rules and regulations governing the work.

Maintenance electrician **or** ***industrial maintenance electrician*** means any individual who possesses the necessary qualifications, training, and technical knowledge to maintain and extend electrical conductors and equipment for electrical power and control systems on or within industrial, manufacturing, or similar type facilities. He shall be capable of doing such work in accordance with standard rules and regulations governing that work.

Master electrician means any individual who possesses the necessary qualifications, training, and technical knowledge to plan, lay out, and supervise the installation, maintenance, and extension of electrical conductors and equipment.

Specialist elevator electrician means any natural person engaged in the work of installing, repairing and maintaining electrical equipment and apparatus from the main-line switch in the penthouse or machine room to control electrical equipment for elevators.

Specialist refrigeration electrician means any natural person engaged in the business of servicing, maintaining, repairing and installing electrical equipment in connection with

refrigeration who does not make final connections to electrical current unless there is an approved outlet of sufficient capacity available within 15 feet of the machine to be connected.

Specialist sign electrician means any natural person engaged in the business of building, erecting, maintaining and repairing electrically illuminated or operated signs, and gaseous tubing for illuminations, making all connections on secondary side of transformers and primary connections only where there is a sign circuit or an outlet of sufficient capacity available within 15 feet of the sign or transformer to be connected.

3.1.4 Scope.
Nothing in this article shall be construed or interpreted as applying to any person engaged in providing communication facilities to the public through a central office operated by such person, or to a person engaged in the generation of electric current for distributing electric energy for light, heat or power, or electrically operated transportation.

Section 2
ELECTRICAL INSPECTIONS

3.2.1 Rough inspection.
Before any interior electrical wiring shall be concealed from view, or in case such wiring is in conduit, before such wiring is in conduit, before such conduits shall be concealed from view, the person installing such wiring shall give notice to the Community Planning Department who shall, as soon as possible after the receipt of such notice, inspect such work. No such work shall be concealed from view before Electrical Inspector shall make his inspection and approve such work.

3.2.2 Special provisions for buildings under construction.
Before any electric current is supplied to the permanent distribution system of a building under construction, notice shall be submitted to the Community Planning Department noting the length of time the temporary power will be needed before the final electrical inspection is made, and the structure shall not be occupied until after the final inspection, and that the party submitting the request will assume liability of any damage incurred as a result of disconnection of power from the building as a result of a violation of this article. The time limit on temporary power being furnished to the building will be determined on the basis of need, not to exceed 30 days. An extension of time may be granted only by special permission by the Director of Community Planning.

3.2.3 Final inspection.
Before any electrical current shall be used upon any electrical wiring of any character, notice shall be served upon the Electrical Inspector, who shall as soon as possible make a final inspection of such wiring, and if such installation has been constructed in accordance with the requirements of this article, he shall issue a certificate of inspection, which shall contain a general description of the installation and the date of such inspection. No current shall be used prior to the issuance of such certificate,

provided that the Electrical Inspector may issue a temporary permit for the use of electrical current during the course of construction or alteration of a building.

3.2.4 Clearance to furnish current.
It shall be unlawful for any person operating in the city to furnish current to any new building, tent, structure or outdoor wiring of any kind, nature or description without first obtaining a clearance from the Electrical Inspector stating that such wiring is approved and a permit has been issued for the use of current.

Section 3
ELECTRICIANS

3.3.1 Apprentice electricians.
An apprentice shall perform the actual work of installing, repairing or maintaining electrical wiring or equipment only under the direct supervision of a master, journeyman, maintenance, specialist sign, specialist refrigerator or specialist elevator electrician. There shall not be more than one apprentice under the supervision of each licensed electrician. Nothing in this article shall be construed to require a license for an apprentice.

3.3.2 Electrical refrigeration contractors.
An electrical refrigeration contractor shall be entitled to install, maintain and replace electrical equipment and make necessary connections to refrigerators; provided, however, that it shall be unlawful for such a contractor to make a final connection to electrical current unless there is an approved outlet of sufficient capacity available within 15 feet of the machine to be connected.

3.3.3 Electrical refrigeration repair contractors.
An electrical refrigeration repair contractor shall not be entitled to make electrical wiring installation in connection with refrigeration for light or power, neither can he make installation connections to commercial or domestic units, except domestic units of the portable plug-in type.

3.3.4 Electrical sign contractors.
An electrical sign contractor shall be entitled to install the tubing for illumination or interior gaseous tube lighting and to make final connection between the transformer secondary wiring and the tube electrode. The primary connection to transformers and signs can be made provided there are sign circuits or outlets of sufficient capacity available within 15 feet of the sign or transformer to be connected. The actual work shall be done by a qualified master, journeyman or special sign electrician.

3.3.5 Journeyman electrician, qualifications.
A journeyman electrician shall be capable of doing work in accordance with plans and specifications furnished to him in accordance with standard rules and regulations governing such work. He shall have had at least four years' experience installing wires,

conductors and electrical equipment used inside of buildings for the transmission of electrical current for electrical light, heat or power purposes.

3.3.6 Maintenance electrician, qualifications.
A maintenance electrician shall have had at least two years' experience in the installation or maintenance of electrical wiring and equipment.

3.3.7 Master electrician, qualifications.
A master electrician shall be a person of not less than 21 years of age and a person of good moral character. He must be a graduate electrical engineer from a recognized university or college, with at least one year actual experience installing wires, conductors and electrical equipment used inside of buildings for the transmission of electrical current for light, heat or power purposes, or have had at least six years' experience, two years of which were as an electrician installing wires, conductors and electrical equipment used inside of buildings for the transmission of electrical current for electrical light, heat or power purposes.

3.3.8 Specialist elevator electrician, qualifications.
A specialist elevator electrician shall have had at least two years' experience in the installation, maintenance and repair of electrical equipment for elevators.

3.3.9 Specialist refrigeration electricians.
A specialist refrigeration electrician shall not make a final connection of electrical equipment to electrical current unless there is an approved outlet of sufficient capacity available within 15 feet of the machine to be connected. He shall have had at least two years' experience in the installation, maintenance and repair of electrical equipment in connection with refrigeration.

3.3.10 Specialist sign electrician, qualifications.
A specialist sign electrician shall have had at least two years' experience in the work of building or erecting, maintaining and repairing electrically illuminated or operated signs and gaseous tubing for illumination.

ARTICLE FOUR
PLUMBING AND GAS

Section 1
IN GENERAL

4.1.1 Copper tubing or plumbing in new construction.
It shall be required that in any new construction project all copper tubing or plumbing, whether hot or cold, situated underneath concrete slabs must be encased in plastic or have a plastic sheath or covering, and that such plastic covering should protrude six inches above the concrete slab.

Section 2
PLUMBING INSPECTIONS AND REGULATIONS

4.2.1 Inspections and tests.
There shall be two tests and inspections of plumbing or gas systems made by the Plumbing Inspector, who shall be notified by the master plumber when the work is ready for inspection, as follows:

(1) The soil and vent pipes must be tested by water from the end of the pipe to its termination above the roof, or ten pounds of air test in the presence of the Plumbing Inspector. Such tests shall include all drains, soil and vent lines, the lead branches, traps and ferrule joints.

(2) When all plumbing has been installed complete, the Community Planning Department shall be notified by the master plumber that the work is ready for final inspection. The Plumbing Inspector shall make a final inspection and, if the work complies with the rules and ordinances, issue a certificate of acceptance. The master plumber shall be present at the final inspection and shall see that the premises are open and available to the Plumbing Inspector. If the work does not comply with all the ordinances, the Plumbing Inspector shall notify the master plumber at once to rectify such work. The Community Planning Department shall be notified when the work has been rectified and ready for re-inspection.

4.2.2 Other regulations.
(A) ***Water heaters.*** Water heaters shall not be installed in any location where flammable vapors are likely to be present, unless the design, operation and installation are such to eliminate the probable ignition of the flammable vapors. Water heaters installed where flammable vapors are likely shall be installed so that all burners and/or ignition devices are located not less than 18 inches above the floor. All other gas appliances shall be installed per manufacturer's instructions.

(B) ***Gas meters.*** Gas meters shall be located at least three feet from any source of ignition.

(C) ***Downstream from a water closet.*** When fixtures, open site drains, floor drains and other openings to the drainage system discharge downstream from a water closet, each fixture discharging downstream shall be vented individually, with exception of another water closet which shall be otherwise vented in accordance to other sections of this Code.

(D) ***Wet venting.*** Wet venting shall be limited to the same floor only.

(E) ***Water services.*** All water services on new construction (residential and/or commercial) shall be installed under the footing.

(F) ***Gas shut off for fireplaces.*** All fireplace units with log lighters shall have a log lighter valve, or appliance valve, installed on the outside of the fireplace unit.

(G) ***Closets on three-inch drain.*** No more than two water closets shall drain into a three-inch DWV drain line.

(H) ***Reduced pressure zone (RPZ) valves.*** All reduced pressure zone (RPZ) valves, either lawn sprinkler or structural, shall be installed as close as possible to the structure being served. At no time shall it be installed in a right-of-way.

(I) ***Lawn sprinkler.*** All lawn sprinkler systems shall be protected by an RPZ valve.

(J) ***Double compartment sinks.*** All double compartment sinks shall have a "P" trap installed for each compartment.

(K) ***Gas pipe grounding.*** When gas pipe is installed new and/or repaired, the installer or repair person shall be responsible for the proper grounding of the gas pipe system.

(L) ***Thermal expansion***. Thermal expansion shall be required on all water heaters; new installations and replacements.

(M) ***Stack vents.*** Every building in which plumbing is installed shall have at least one 3 inch minimum stack vent and shall run undiminished in size to the outside.

(N) ***Water supply systems test.*** Upon completion of a section of water supply system or the entire water supply system, the system shall be tested by an air test of not less than 100 psi.

ARTICLE FIVE
MECHANICAL

Section 1
IN GENERAL

5.1.1 Inspection and test.
There shall be 2 tests and inspections of vent-a-hood systems made by the Mechanical Inspector, who shall be notified by the permitee when the work is ready for inspection.

5.1.2 Capture and Containment test.
The permit holder shall perform a smoke test of the exhaust system and shall be verified visually by observing smoke.

5.1.3 Flex Duct.
(A) Flex duct shall be allowed only on branch lines.

(C) Flex duct shall be no longer than 6 feet in length in commercial and 10 feet in length in residential installations.

(D) Mechanical approved fittings are required for all turns and take-offs in flex duct installations.

(E) Flex duct shall not be allowed in crawl spaces in residential or commercial occupancies.

(F) Fiber duct (duct board) shall not be permitted.

5.1.4 Condensate Lines.
All condensate lines shall be insulated in all attics or crawl spaces, concealed in outside walls, in all unconditioned space, or in other places subjected to freezing unless adequate provision is made to protect such pipes from freezing by insulation or heat, or both.

5.1.5 Heat Loss/Gain.
Heat loss and gain calculations shall be submitted with each permit application for new construction.

ARTICLE SIX
DEVELOPMENT FEES AND PERMITS

Section 1
FEE SCHEDULES

6.1.1 Application fees.

(A)	Preliminary Plat, Replat or Final Plat	
	a. Inside the City less than 10 acres	$100.00
	b. Inside the City more than 10 acres	$200.00
	c. Outside the City less than 10 acres	$100.00
	d. Outside the City more than 10 acres	$200.00
(B)	Site Plan Review	$100.00
(C)	Vacating a Plat	$100.00
(D)	Conditional Use, Special Use	$150.00
(E)	Planned Unit Development (PUD)	$150.00
(F)	Rezone to Commercial	$300.00
(G)	Rezone to Industrial	$300.00
(H)	Rezone to RT-1, R-0, R-4, R-5, R-6	$150.00
(I)	Rezone to R-3	$100.00
(J)	Rezone to R-1, R-2	$ 75.00
(K)	Board of Adjustment	$ 75.00
(L)	Housing and Building Board of Adjustment (Sign Board)	$ 75.00
(M)	Annexations	$ 50.00

6.1.2 Permits.

(A)	Curb Cut	$ 25.00
(B)	Flood Plain	$ 25.00

(C) Stormwater

a.	Single family dwelling	$125.00
b.	Multi family dwelling	$150.00
c.	Commercial and industrial bldgs. (4,000 to 9,999 sq. ft.)	$100.00
d.	Commercial and industrial bldgs. (10,000 sq. ft. or larger)	$150.00
e.	Commercial and industrial bldgs. (4,000 to 9,999 sq. ft.)	$ 50.00
f.	Commercial and industrial bldgs. (10,000 sq. ft. or larger)	$100.00
g.	Parking lots (4,000 to 9,999 sq. ft.)	$ 25.00
h.	Parking lots (10,000 sq. ft. or larger)	$150.00
i.	Subdivisions (up to 5 lots)	$ 50.00
j.	Subdivisions (6 or more lots)	$100.00
k.	Other activities that disturb between 4,000 sq. ft. and 3 acres	$ 50.00
l.	Other activities that disturb more than and 3 acres	$100.00

(D) Excavation, cuts, borings per 100 square feet

a.	in paved portion of the right-of-way	$200.00
b.	in non-paved portions of the right-of-way	$100.00