

TITLE 8
BUILDING REGULATIONS

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**TITLE 8 – BUILDING REGULATIONS
CHAPTER 1 – BUILDING CODE**

SECTIONS:

- 8-1-1 Adoption of Code
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8-1-1 Adoption of the International Building Code. Pursuant to published notice and public hearing as required by the Code of Iowa, the document entitled "International Building Code", 2015 Edition, as amended and published by the International Code Council, is hereby adopted by reference as the Building Code for the City of Muscatine, Iowa, and is made a part hereof as if fully set out in this Ordinance. An official copy of said code is on file in the office of the City Clerk.

8-1-2 Building Official. There is hereby created the position of Building Official to be appointed in the same manner as other department heads. The Community Development Director and the Building Official are one and the same position and the Building Official, when exercising the duties prescribed for such office, shall have all the powers of a policeman.

8-1-3 Building Permits.

- A. **Building Permit Fee.** The fee for a building permit when required by this Code shall be as established from time to time by resolution of the City Council.
- B. Where work for which a permit is required by this Code is started or proceeded with prior to obtaining said permit, the fees above specified may be doubled, but the payment of such double fee shall not relieve any persons from fully complying with the requirements of this Code in the execution of the work nor from any other penalties prescribed herein.

8-1-4 Amendments. That the International Building Code, adopted by the City of Muscatine, Iowa, be amended to read as follows:

- A. **Building Permit Fees.** A fee for each required permit shall be paid to the Community Development as set forth in the Schedule of Building-Related Permits and Other Requirements in Appendix D to this Code of Ordinances.
- B. **Existing Building.** Section 101.4.7 is amended to read as follows: "The provisions of Chapter 34 of the document entitled "International Building Code", 2015 Edition, shall apply to matters governing the repair, alteration, change of occupancy, addition to and relocation of existing building."
- C. **Storm Shelters.** Section 423.4 is amended to read as follows: "Group E occupancies. In areas where the shelter design wind speed for tornados is 250 MPW in accordance with Figure 304.2(1) of ICC 500, all Group E occupancies with an aggregate occupant load of 50 or more, as established in accordance with ICC 500. The shelter of the Group E occupancy shall have an occupant load of either of the applicable: (1) the total

occupant load of the entire structure when the structure is a new structure, or (2) the calculated occupant load of the square footage added to an existing structure.

1. Exceptions: 1. Group E day care facilities; 2. Group E occupancies accessory to places of religious worship; 3. Building meeting the requirements for shelter design in ICC 500.
2. "ICC 500" as referenced and incorporated by Section 423 be amended as follows
 - a. Deletion of Section 702.2, Sanitation Facilities
 - b. Section 702.3 is amended to read as follows: ""702.3 Emergency lighting. Community tornado shelters shall be provided with an emergency lighting system. The emergency lighting system shall provide an average of 1 foot-candle (11 Lux) of illumination in occupied shelter areas, occupant support areas, required corridors, passageways and means of egress. Personal use flashlights shall be permitted for the emergency lighting system requirement for tornado shelters when provided at a quantity not less than one (1) flashlight per 10 occupants. Personal use flashlights shall be a minimum of two "D" cell size or equivalent light output, and readily accessible from within the occupied shelter areas or immediately adjacent occupant support areas."

8-1-5 (Reserved).

8-1-6 (Reserved).

8-1-7 Applicability. It is the intent of the City of Muscatine that the International Building Code and its companion Codes as adopted elsewhere in the City Code shall be the prevailing construction and occupancy controls within the City unless otherwise mandated by State law. It shall be the responsibility of the Building Official to make a final decision as to the applicability of any other codes or ordinances adopted by the City which may present a conflict with the intent of other regulations contained herein.

8-1-8 Violation. It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use, occupy or maintain any building or structure or cause or permit the same to be done in violation of this Code.

**TITLE 8 – BUILDING REGULATIONS
CHAPTER 2 – DEMOLITION OF BUILDINGS**

SECTIONS:

- 8-2-1 Permit Required
- 8-2-2 Permit Application
- 8-2-3 Supervision of Work
- 8-2-4 Condition of Site
- 8-2-5 Requirements
- 8-2-6 Drawings for Certain Buildings
- 8-2-7 Aprons, Canopies, Streets, and Sidewalks
- 8-2-8 Time
- 8-2-9 Adjacent Frontage Consents
- 8-2-10 Party Walls
- 8-2-11 Night Work
- 8-2-12 Exemption
- 8-2-13 Burning

8-2-1 Permit Required. Before proceeding with the demolition of any building or structure, a permit for such demolition shall first be obtained by the owner, his agent, or his contractor from the Building Department.

8-2-2 Permit Application. Application for said permit shall be made by such owner, his agent, or his contractor to the Building Official, who shall issue such permit in accordance with this Chapter upon application and the payment as set out in the Schedule of Building-Related Permits and Other Requirements in Appendix D to this Code of Ordinances. Such application shall state the location and describe the building to be demolished, the method of demolition, and the estimated cost of the demolition. If no new building is to be erected on the site thereof, the statement shall include a description of the condition in which it is intended to leave the site thereof. In addition, the applicant shall provide information necessary to ensure compliance with asbestos investigation and abatement, and proof of notification to the State of Iowa, as required.

8-2-3 Supervision of Work. Upon the issuance of the required permit, each building may be demolished, provided that all the work done thereunder shall be subject to the supervision of the Building Official.

8-2-4 Condition of Site. The site where any building has been left demolished shall be left in a clean, presentable, and safe condition with the cellar, if any, of the old building properly filled in and graded so as not to permit accumulation of surface water or discharge to the detriment of adjoining property. The sanitary sewer shall be cut off and plugged with concrete at the property line and all utilities shall be properly shut off at the main or in accordance with rules and regulations of the particular utility.

8-2-5 Requirements. Before any permit is issued granting authority to demolish a building or structure, the person engaged in the same or the owner of said building or structure shall file with the Community Development Department proof of public liability insurance naming the City as an additional insured and covering any personal injury or property damage which may arise out of said demolition work, with limits of liability limits as established in the Schedule of Building-Related Permits and Other Requirements in Appendix D to this Code of Ordinances. The person engaged in the work of demolishing said building or structure and the owner of said building or structure shall also execute an indemnification agreement whereby they agree to indemnify and hold harmless the City against any loss, cost, damage, expense,

judgment, or liability of any kind whatsoever which the City may suffer or which may occur against, be charged to, or recovered from the City or any of its employees by reason of or arising out of any such demolition operation.

8-2-6 Drawings for Certain Buildings. When requested by the Building Official, the owner or his agent shall submit a drawing indicating fences, barricades, aprons, canopies, lighting, and other safeguards to be used in connection with the wrecking program. These safeguards shall be approved by the Building Official before a permit is issued and the safeguards shall be erected in strict compliance therewith.

8-2-7 Aprons, Canopies, Streets, and Sidewalks. The wrecker owner, his agent or contractor, shall construct aprons, canopies, fences, barricades, and other safeguards in conformance with all Federal, State, and local standards, rules, and regulations. Streets and sidewalks shall not be blocked without the approval of the Building Official. All damage to public property as a result of the demolition must be repaired, including damage to sidewalks, curbs, streets, etc.

8-2-8 Time. Each and every requirement mentioned or described in this Chapter shall be performed by the owner, his agent or his contractor, within the time set by the Building Official, unless otherwise prescribed herein.

8-2-9 Adjacent Frontage Consents. If the written consent of and a waiver of claims for damage against the City by the owners of properties adjoining the site of the proposed demolition of any building is first obtained and filed with the Building Official, the permission to occupy the roadway and the sidewalk may be extended beyond the limits of such building front of the property for which the consent of the owner thereof has been secured upon the same terms and conditions as those fixed for the occupation of sidewalks and roadways in front of the building site.

8-2-10 Party Walls. Before a permit is issued for the wrecking of a structure that has one or more party walls in common with one or more buildings, there shall be delivered to the Building Official a certificate by a licensed architect or a licensed structural engineer to the effect that the adjoining premises do not require anchorage, or, if such certificate indicates that anchorage is necessary, the certificate shall be accompanied by a drawing signed and sealed by such architect or engineer and subject to the approval of the Building Official indicating adequate anchorage of floor and roof joists at not greater than ten foot (10') intervals for each and every floor and roof resting on such party wall, and the adjoining premises shall be anchored in compliance with such drawing. Owners of adjoining premises shall be notified of said anchorage, as shown on such drawing.

8-2-11 Night Work. It shall be unlawful for any person to conduct the demolition of any building between the hours of ten o'clock (10:00) P.M. and six o'clock (6:00) A.M., unless otherwise approved in writing by the City of Muscatine

8-2-12 Exemption. The provisions of this Ordinance shall not apply to the demolition of garages, out-buildings, or other accessory structures of a similar nature.

8-2-13 Burning. It is unlawful to demolish by burning without approval of the Fire chief and in accordance with all applicable State and Local rules and policies.

**TITLE 8 – BUILDING REGULATIONS
CHAPTER 3 – ELECTRICAL CODE**

SECTIONS:

- 8-3-1 Adoption of Code
- 8-3-2 Supplemental Electrical Regulations
- 8-3-3 Plans and Specifications
- 8-3-4 Permits
- 8-3-5 Inspections
- 8-3-6 Turning Off Electric Current
- 8-3-7 Connection to Power Source

8-3-1 Adoption of Code. The most recent edition of the National Electric Code, as amended and published by the National Fire Protection Association, is hereby adopted as the Electrical Code for the City of Muscatine, Iowa, insofar as they do not conflict with the regulations set out in this Chapter, which shall supersede. The current edition of the National Electrical Code is made a part hereof as if fully set out in this Ordinance.

8-3-2 Supplemental Electrical Regulations. The purpose of this Section is to provide for additional electrical rules and regulations which are intended to supplement the provisions of the current edition of the National Electrical Code adopted by the City Council. The supplemental rules and regulations take precedence over any provisions of the National Electrical Code which may be in conflict therewith as provided in Section 8-3-1.

- A. Distribution Centers - Divisions of Load. In laying out an electrical installation, except for a constant current system, every reasonable effort shall be made to secure distribution centers located in easily accessible places at which points, cutouts, and switches controlling various branch circuits shall be grouped for convenience and safety of operations. The electrical load shall be divided as evenly as possible between branch circuits and all complicated and unnecessary wiring shall be avoided.
- B. Transformers-Meters. Transformers and meters shall comply with the following regulations:
 - 1. All power or heavy lighting services over two hundred amperes, single-phase and two hundred amperes, three-phase, shall be metered by a potential and current transformer or current transformers.
 - 2. Metering transformers shall be enclosed in an approved metal box enclosure or cabinet with a door locked or sealed by the utility company or mounted in the mast drip loop at the utility's discretion.
 - 3. Meter loops shall not be opened or closed by anyone without the permission of an authorized representative of the utility company.
 - 4. A meter board and/or distribution panel board of the size and type approved by the Code Inspector shall be installed in a proper and convenient place designated by the utility company to receive the various types of meters used by the utility company and distribution panels used by the customer.

5. Where two or more meters are to be placed on one building for different electric customers, they shall be grouped at a common place on the exterior portion of the building. All multiple metering points shall be marked on the cover's exterior as well as the interior meter base which identifies the building address and respective apartment identifier with a permanent, wide tip, non-soluble black ink.
 6. Meters shall be placed on solid walls free from vibration and in a convenient and accessible place for reading as specified by the utility company. They shall be placed not over six foot six inches or less than four feet from the finish grade with a minimum of three feet clear space in all directions of the meter.
- C. Service Entrance Wiring and Requirements. All service entrance wiring and requirements shall comply with the following regulations unless elsewhere allowed in the adopted National Electrical Code and utility company, or a variation thereof is approved by the Code Inspector due to the type of building occupancy or electrical service requirements:
1. Only one service shall be permitted for any one building or structure, except as elsewhere allowed in the adopted National Electrical Code.
 2. A minimum of a three-wire, 100 ampere electric service shall be required for any existing building or structure requiring electrical service, except as allowed by the utility company. The service locations shall be designated by the utility company.
 3. Newly constructed and existing single residential dwellings receiving new electric service following the passage of this Chapter shall conform to the following requirements:
 - a. They shall be provided with a minimum of a 200 ampere service.
Exception: Each newly constructed multifamily and existing multifamily residential unit(s) containing less than 1,000 square feet of habitable area shall be provided with a minimum of a 100 ampere service per the National Electric Code.
 - b. Mast type services shall be installed utilizing not less than 2" (inch) galvanized rigid conduit and shall require a guy brace if the mast extends more than four 4' (feet) above the adjacent roof.
 - c. Service from an underground system shall enter the structure above grade on the exterior portion of the building and shall be sealed with a proper compound to prevent the entrance of water.
 - d. Service panel switches shall not be installed over sinks, stationary tubs, stoves, or near any plumbing appliances where the person operating same could come in contact with a grounding device.
 - e. In no case shall more than twelve feet (12') of service wires be allowed on the inside of any building, or structure without a disconnect being present.
 - f. Service of 200 amperes or less shall have a sequence of meter, main fused disconnect switch or breaker, circuit fuses or breakers when the number of disconnects is six (6) or less. Emergency systems may be connected to line side of the main switch or breaker as provided by the National Electrical Code. If the number of disconnects is greater than six (6) the main must be ahead of the meters.

- g. Where the electrical service entrance or electric panel is relocated more than three feet on existing work, the provision of this Section shall apply as if said relocation was new work. Extensions shall not be allowed on work where wiring is not in conformance with the adopted National Electrical Code. Old work shall be brought up to the standards set by the National Electrical Code and by this Chapter.

D. Workmanship. In all electrical wiring work and installation of electrical apparatus and equipment, special care and attention shall be given to the mechanical execution of the work. Care shall be given to assure the neat and orderly running, connecting, and taping of conductors, securing and attaching related fittings.

8-3-3 Plans and Specifications. Whenever it shall be deemed necessary by the Inspector, plans and specifications shall be required and shall show, in sufficient detail, that all electrical work to be done which requires an Electrical Permit conforms to the adopted Code of the City. Plans and specifications may not have to be submitted where minor work is proposed and/or the contractor agrees to comply with all the provisions of this Chapter.

8-3-4 Permits. Before an Electrical Permit is issued as required, the Inspector shall charge the owner of the property or his contractor the required fee which shall be established by resolution of the City Council and is set out in the Schedule of Building-Related Permits and Other Requirements in Appendix D to this Code of Ordinances. No electrical work will commence without the party performing the electrical work first insuring that the required permit has been issued by the City. Failure to comply with this provision shall result in the fee being doubled and subjects the violator to the issuance of a municipal infraction, at the discretion of the Building Official.

Exception. Minor repair work and installations may not require issuance of an Electrical Permit when, in the opinion of the Inspector and with the approval of the Building Official, such work or installation does not require significant changes, alteration and/or repair.

8-3-5 Inspections. The Inspector must be notified when work is ready to be inspected by the licensed electrician or homeowner (when wiring his/her own home) doing such work. All inside work must be left uncovered and convenient for examination until inspected and approved by the City. No request shall be made for an inspection until the work is entirely ready for inspection or unless the Inspector makes arrangements to the contrary. In case of violation of any of the provisions contained herein, the permit may be revoked by the City and upon notice of revocation, all work under the permit shall cease. The Inspector shall examine all work required to be inspected within eight (8) working hours of notice that the work is ready for inspection. Any materials found to be defective, improperly installed or not meeting the minimum requirements of the Code shall be removed, replaced and/or altered to fully comply with all the provisions of this Chapter. When all work is completed under the Electrical Permit and is found to be in compliance with the Code, the Inspector shall give his or her approval.

- A. Emergency Repair. Emergency repair may be performed by an electrical license holder, but must be reported to the City Community Development Department within eight (8) working hours of the repair.
- B. Heating and Air Conditioning Installations. Electrical installation of all heating, air conditioning equipment and electric water heaters shall be performed by an electrical license holder or the homeowner and comply with this Code.

8-3-6 Turning Off Electric Current.

- A. The Code Inspector shall have full power and authority to cut off or cause to have cut off the electric current from any new installation, alteration or extension of existing systems, existing installation found to be hazardous, or any equipment, in or on any building, structure or premises which:
 - 1. Does not comply with applicable city codes pertaining to electrical work for which a permit has been issued, or

2. In the opinion of the Inspector an unsafe or hazardous condition exists, or that danger to persons or property is possible; or
 3. The electrical current would interfere with or hinder the necessary work of the fire or law enforcement officials.
- B. Where the current is cut off or ordered cut off under the provisions of this Section, such current shall not be turned on again without the authorization of the Code Inspector. Any person engaged in furnishing electricity, shall cut off the current from any consumer, building, structure, or premises when so ordered by the Code Inspector for reasons indicated in this Section.

8-3-7 Connection to Power Source. No electrical connection to the power source shall be made, or any electric meter set until the same has been approved by the Code Inspector or representative of the utility company.

**TITLE 8 – BUILDING REGULATIONS
CHAPTER 4 – FUEL GAS CODE**

SECTIONS:

8-4-1 Fuel Gas Code

8-4-2 Enforcement

8-4-1 Fuel Gas Code. Except as hereinafter added to, deleted, modified or amended, the most recent edition of the National Fuel Gas Code, NFPA 54, as prepared and edited by the National Fire Protection Association (NFPA), is hereby adopted by reference as the Fuel Gas Code for the City of Muscatine and is made a part hereof as if fully set out in this Ordinance. An official copy of said code is in the office of the City Clerk.

8-4-2 Enforcement. The duly franchised agency (the Gas Division of the Interstate Power and Light Company) shall work together with the City, and the City in turn will cooperate with the person, firm, or corporation to disconnect or to order disconnection and plug or cap any gas piping, appliance, or accessory which does not conform to the requirements of the most recent edition of the National Fuel Gas Code, NFPA 54, as prepared and edited by the National Fire Protection Association (NFPA) and the American Gas Association, or which may be found defective and in such condition as to endanger life or property. Where such disconnection has been made, a notice shall be attached to such appliance, accessory, or gas piping which shall state that it has been disconnected and the reason therefore, and such notice shall not be removed nor shall the appliance, accessory, or gas piping be reconnected until it shall have been made to conform with the requirements of the Code of Standards.

TITLE 8 – BUILDING REGULATIONS
CHAPTER 5 – Reserved

**TITLE 8 – BUILDING REGULATIONS
CHAPTER 6 – ADDRESSING**

SECTIONS:

- 8-6-1 Numbers Required
- 8-6-2 Location of Numbers
- 8-6-3 Numbers Obtained from the Community Development Department
- 8-6-4 Material; Size
- 8-6-5 Allowing Buildings Without Numbers
- 8-6-6 Failure to Comply
- 8-6-7 Numbers Designated
- 8-6-8 System; Base Lines
- 8-6-9 Numbers Assigned
- 8-6-10 Street Names

8-6-1 Numbers Required. The owners of improved property, or property having erected thereon any building, shall cause their property fronting upon the public streets and avenues within the City to be numbered as hereinafter described in this Chapter.

(Code of Iowa, Sec. 364.12[3d])

8-6-2 Location of Numbers. The owner of every building, residence, or store within the Corporate Limits of the City shall have the number of their buildings, residences, or stores, conspicuously fixed on their property and visible from the public street.

8-6-3 Numbers Obtained from the Community Development Department. The owners of every building, residence, or store erected within the Corporate Limits of the City shall be assigned an address as part of the permit issuing process for every such structure as required.

8-6-4 Material; Size. The number placed upon buildings, residences, or stores, as prescribed in the foregoing Sections, may be of metal, wood, or plastic or may be painted upon metal or glass, but in every case the number must be at least two and one-half inches (2 1/2") in height. If painted, such numbers shall be of durable and legible characters, and no numbering done or attempted to be done in numbers or figures of a less size than prescribed in this Section shall be regarded as complying with the provisions of this Chapter.

8-6-5 Allowing Buildings Without Numbers. Legible characters of less than 2 1/2" in height may be used when posted on rural type mail boxes which are accessible from the improved street in front of the building.

8-6-6 Failure to Comply. If an owner refuses to number a building as herein provided, or fails to do so for a period of thirty (30) days after being notified in writing by the City to do so, the City may proceed to place the assigned number on the principal building and assess the costs against the property for collection in the same manner as a property tax.

(Code of Iowa, Sec. 364.12[3h])

8-6-7 Numbers Designated. It shall be the duty of the Community Development Department to designate the numbers to be assigned to each building, residence, or store as prescribed in this Chapter.

8-6-8 System: Base Lines. In designating and assigning numbers to buildings, residences, and stores, the system of commencing and continuing the numbering of each block or square as the same appears recorded upon the plat of the City proper shall be by what is known as the "Philadelphia Plan", which is one hundred (100) to each block, the hundred indicating the block and the unit of ten (10), as the case may be, indicating the building. In numbering the additions to the City, the same plan shall be followed as far as practicable. In numbering the City proper, on streets running East and West the base line shall be Iowa Avenue, and on streets running North and South the base line shall be Front Street. In numbering South Muscatine to the corporate limits of the City, the base line shall be the Chicago, Rock Island and Pacific Railroad track. Iowa Avenue shall be the dividing line of the City proper, and including that portion of the City lying between Eighth Street and Fulliam Avenue, from which, upon all streets running at right angles thereto, all buildings shall be numbered "East" and "West" respectively, in the following manner: The parts of streets lying East of Iowa Avenue shall be known as "East Mississippi Drive", "East Second", and "East Third" streets, and so on, and the parts of streets lying West of Iowa Avenue shall be known as "West Mississippi Drive", "West Second", and "West Third" streets and so on. The even numbers shall be placed upon the South and West sides of the streets and the odd numbers on the opposite sides of the streets.

8-6-9 Numbers Assigned. In the numbering of buildings, residences, or stores, each main door or entrance to every building, residence, or store shall be assigned one number. On each block, in whole or in part occupied by businesses, houses, stores, etc., or by residences not detached but compacted together, the unimproved property shall be assigned numbers as deemed appropriate by the Community Development Department.

8-6-10 Street Names. The name of a newly constructed street segment must comply with all of the following criteria in order for it to be accepted as a public street:

- A. A newly developed street segment will assume the name of the one which it aligns and directly connects.
- B. A newly developed street segment may only share a name with an existing street if it aligns with the existing street and either connects with the existing street, or which plans for making a connection to the existing street exist.
- C. Once a street name in its current format is used, it may not be used in another format: e.g. Oak Street or Oak Drive, 1st Street or 1st Avenue, etc.
- D. Names that are the same, or are pronounced the same (homonyms) or similarly, with different spellings may only be used once: e.g. Smith Avenue or Smythe Avenue, Ellis Street or Allice Street, Allen Drive or Alan Drive, etc.
- E. Either the singular form or plural form of a word may be used for a street name, but not both: e.g. Oak Drive or Oaks Street, Adam Street or Adams Street, etc.
- F. When applying Section C, D and E, the names of all streets within service area of all emergency responders serving Muscatine shall be considered.
- G. A street name shall not use special characters such as hyphens, apostrophes, or dashes.
- H. Directional shall not be used as street names: e.g. East Street, North Lane, West Avenue, etc.

- I. A street name should be easy to read so that children can use the name in an emergency situation.
- J. All streets shall be identified with an approved sign.

**TITLE 8 – BUILDING REGULATIONS
CHAPTER 7 – MECHANICAL CODE**

SECTIONS:

8-7-1 Adoption of International Mechanical Code

8-7-2 Plans and Specifications

8-7-3 Inspections

8-7-4 Permits

8-7-1 Adoption of the International Mechanical Code. Pursuant to published notice and public hearing as required by the Code of Iowa, the document entitled "International Mechanical Code", 2018 Edition, as amended and published by the International Code Council, is hereby adopted by reference as the Mechanical Code for the City of Muscatine, Iowa, and is made a part hereof as if fully set out in this Ordinance. An official copy of said Code is on file in the office of the City Clerk.

8-7-2 Plans and Specifications. Whenever it shall be deemed necessary by the Mechanical Inspector, there shall be a separate plan for each building, public or private, accompanied by specifications describing the heating, ventilation, and air conditioning of such building showing the type, size, and location of all mechanical equipment to be used which may be retained by the Mechanical Inspector. Such drawing and description will be furnished by the owner or his authorized agent.

8-7-3 Inspections. The Mechanical Inspector must be notified when work is ready for inspection by the person doing such work. All inside work must be left uncovered and convenient for examination until inspected and approved. No notice shall be sent for inspection until the work is entirely ready for inspection. In case of any violation of this Section, the approval of such plans may be revoked by the Mechanical Inspector and upon notice of revocation being given, all work under such plans shall cease. The Mechanical Inspector shall examine the work within twenty four (24) hours after notice that it is ready for inspection has been received. Defective material must be removed and replaced with sound material. When the entire mechanical work is completed to the satisfaction of the Mechanical Inspector, he or she shall give his or her approval.

8-7-4 Permits. Before the Building Official issues a permit as required, the Mechanical Inspector shall charge the owner of the property, or his or her designated agent, and shall collect from said party permit fees as set by resolution of Council and set out in the Schedule of Building-Related Permits and Other Requirements in Appendix D to this Code of Ordinances, except that no permit shall be required for the repair of mechanical equipment. No mechanical work will commence without the party performing the mechanical work first making sure that the required permit has been obtained. Failure to comply with this provision shall result in the fee being doubled. Appeal of the regulations contained in Section 8-7-1 may be made to the City Council.

**TITLE 8 – BUILDING REGULATIONS
CHAPTER 8 – MOVING BUILDINGS**

SECTIONS:

- 8-8-1 House Mover Defined
- 8-8-2 Permit Required
- 8-8-3 Application
- 8-8-4 Bond Required
- 8-8-5 Insurance Required
- 8-8-6 Permit Fee
- 8-8-7 Inspection; Structure to be Moved; Route
- 8-8-8 Reporting Application to Council
- 8-8-9 Supervision by Building Department
- 8-8-10 Damages
- 8-8-11 Permit Revocation

8-8-1 House Mover Defined. A "house mover" means any person or business who undertakes to move any house, building, structure or any part or parts thereof from one location to another when the moving of such house, building, or structure or part or parts of structures requires traveling upon, across, along or over any street, avenue, highway, thoroughfare, alley, sidewalk or other public ground in the City.

8-8-2 Permit Required. No person shall engage in the activity or business of house moving as defined in Section 8-8-1 of this Code of Ordinances, unless such person or business shall have first applied for and obtained a permit to do so from the Council as hereinafter provided in this Chapter.

8-8-3 Application. Any person or business desiring a house moving permit as required herein shall file an application with the Office of the Building Official. Such application shall contain:

- A. The date or dates and time of moving the house, structure or building.
- B. The detailed statement setting forth the proposed route to be followed in moving the structure, the equipment to be used and specifying the person in charge of the moving operation.
- C. The location of the premises to which the structure is to be moved and the zoning classification thereof.
- D. The name of the owner of the structure and the name of the owner of the premises to which it is being moved showing that the applicant is entitled to move the house.
- E. A plot plan of the location to which the structure is to be moved, showing the exact proposed location of the structure, the boundaries of the lot upon which the structure is to be placed, and the dimensions of said lot.
- F. A statement showing the maximum length and width, including eaves, and loaded height of the structure to be moved.
- G. An agreement that the house mover shall indemnify and hold the City harmless from any claims or damages for injury to person or property resulting from the moving of the structure for which the permit is requested.

H. An agreement that the applicant shall immediately report any damage done by the moving operation to any street, sidewalk, alley, curb, highway, tree or other public property and that the applicant will upon demand pay the cost of repair occasioned by said damage to the City.

8-8-4 Bond Required. The applicant for a house mover's permit shall file with the application a bond, with an approved corporate surety in the penal sum as set by resolution of City Council and set out in the Schedule of Building-Related Permits and Other Requirements in Appendix D to this Code of Ordinances, conditioned that all work done under such permit shall be done in good and workmanlike manner, and that the applicant will pay to the City or to any person injured all damages for injuries to person or property, including but not limited to damages to any street, curb, sidewalk or any other public property caused by negligence, fault or mismanagement of cause, in doing work under such permit.

8-8-5 Insurance Required. Before the permit is issued, the applicant shall obtain and furnish to the City an insurance policy for public liability and property damage in the amount as set by resolution of City Council and set out in the Schedule of Building Related Permits and Other Requirements in Appendix D to this Code of Ordinances. Said insurance policy shall name the City and the applicant as insured and shall provide that said policy cannot be revoked, cancelled, or modified in any way until the City has been notified by certified mail at least ten (10) days prior to the proposed action.

8-8-6 Permit Fee. The fee for a house moving permit shall be the amount as set by resolution of Council and set out in the Schedule of Building-Related Permits and Other Requirements in Appendix D to this Code of Ordinances and shall be paid at the time the application is filed.

8-8-7 Inspection; Structure to be Moved; Route. Before any permit is issued under the provisions of Sections 8-8-2 and 8-8-5 of this Chapter, the Building Official shall carefully inspect the structure proposed to be moved and shall determine whether such structure when moved will comply with the provisions of this Code and the Housing Laws of the State. The Building Official shall inspect the route proposed to be used in moving the structure and will insure that the applicant has secured estimates from owners of all wires, poles, or other property to be effected by the proposed moving of the structure.

8-8-8 Reporting Application to Council. The Building Official shall report the application for a permit to the Council at its next regular or special meeting and shall either recommend the permit be granted or otherwise. This Section shall not be construed as an assumption by the City of the payment of any sum to any person except the amounts deposited in accordance with this Section.

8-8-9 Supervision by Building Official. Any building or other structure moved under the provisions of this Chapter shall be moved under the supervision of the Building Official, and no building or other structure shall be moved during normal high traffic periods. This section shall not be construed to hold the house mover responsible for traffic or other delays caused by factors outside the house mover's control.

8-8-10 Damages. The house mover shall report any damages done to any street highway, alley, sidewalk, curb, tree, telephone or light poles or wires, or to any other public or private property, except property owned by the house mover or the structure being moved, to the Public Works Director within twelve (12) hours after the occurrence. The house mover shall, upon demand, pay any damages resulting from an injury to any person or property. Nothing herein shall be construed to prevent the house mover from contesting any claim in good faith

in any court.

8-8-11 Permit Revocation. Any permits granted under Section 8-8-2 of this Chapter may be revoked at any time by the Council upon showing being made that the permit holder has violated the provisions of this Chapter.

**TITLE 8 – BUILDING REGULATIONS
CHAPTER 9 – PLUMBING CODE**

SECTIONS:

8-9-1 Adoption of International Plumbing Code

8-9-2 Plans and Specifications

8-9-3 Inspections

8-9-4 Permits

8-9-1 Adoption of the International Plumbing Code. Pursuant to published notice and public hearing as required by the Code of Iowa, the document entitled “International Plumbing Code”, 2015 Edition, as amended and published by the International Code Council, is hereby adopted by reference as the Plumbing Code for the City of Muscatine, Iowa, and is made a part hereof as if fully set out in this Ordinance. An official copy of said Code is on file in the office of the City Clerk.

8-9-2 Plans and Specifications. Whenever it shall be deemed necessary by the Plumbing Inspector, there shall be a separate plan for each building, public or private, accompanied by specifications describing the drainage of such building, showing the size and kind of pipes, the traps, closets, and fixtures to be used, which may be retained by the Plumbing Inspector. Such drawing and description will be furnished by the owner or his authorized agent.

8-9-3 Inspections. The Plumbing Inspector must be notified when work is ready for inspection by the plumber doing such work. All inside work must be left uncovered and convenient for examination until inspected and approved. No notice shall be sent for inspection until the work is entirely ready for inspection. In case of any violation of this Section, the approval of such plans may be revoked by the Plumbing Inspector and upon notice of revocation being given, all work under such plans shall cease. The Plumbing Inspector shall examine the work within twenty four (24) hours after notice that it is ready for inspection has been received. Defective pipe or fittings must be removed and replaced with sound pipe and fittings. When the entire plumbing work is completed to the satisfaction of the Plumbing Inspector, he or she shall give his or her approval.

8-9-4 Permits. Before the Building Official issues a permit as required, the Plumbing Inspector shall charge the owner of the property, or his or her designated agent, and shall collect from said party permit fees as set by resolution of City Council and set out in the Schedule of Building-Related Permits and Other Requirements in Appendix D to this Code of Ordinances, except that no permit shall be required for any replacement of existing plumbing or plumbing fixtures unless such replacement requires a physical relocation, addition, or expansion of the same. No plumbing work will commence without the party performing the plumbing work first making sure that the required permit has been obtained. Failure to comply with this provision shall result in the fee being doubled. Appeal of the regulations contained in Section 8-9-1 may be made to the City Council

**TITLE 8 – BUILDING REGULATIONS
CHAPTER 10 – RESIDENTIAL CODE**

SECTIONS:

8-10-1 Adoption of the International Residential Code

8-10-2 Amendments

8-10-1 Adoption of the International Residential Code. Pursuant to published notice and public hearing as required by the Code of Iowa, the document entitled “International Residential Code”, 2015 Edition, together with Appendix Chapters F and J, as amended and published by the International Code Council, is hereby adopted by reference as the Residential Code for the City of Muscatine, Iowa, and is made a part hereof as if fully set out in this ordinance. An official copy of said code is on file in the office of the City Clerk.

8-10-2 Amendments: That the International Residential Code, adopted by the City of Muscatine, Iowa, be amended by:

- A. Climatic and Geographical Design Criteria. Table R301.2(1) is amended by insertion of the following criteria and the addition of footnotes n, o, and p. Footnotes a-m remain as printed in the International Residential Code.

**TABLE R301.2(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic effects	Special wind region	Wind-borne debris zone		Weathering	Frost line depth	Termite					
20	115	No	No	No	A	Severe	42"	Moderate to heavy	-5	Yes	n, o, p	2,000	50.7

n. Date of National Flood Insurance Program - 8/25/1981

o. Date of Flood Insurance Study - 7/18/2011 & 4/16/2013

p. Panel Numbers - Flood Insurance Rate Map - 19139C0179C, 183C, 184C, 185C 191C, 192C, 225C, and Panels 19139C0169D, 175D, 187D, 188D, 189D, 193D, 281D, 282D, 301D.

- A. Deletion of Section R313, Automatic Fire Sprinkler Systems.
- B. Deletion of Section P2904, Dwelling Unit Fire Sprinklers.

- C. One-story wood or metal frame accessory buildings associated with a Group R Division 3 Occupancy and not used for human occupancy with a floor area not to exceed two hundred (200) square feet may be constructed on a four inch (4") concrete slab utilizing anchor bolts on six foot (6') centers, or other anchoring systems as may be approved by the Building Official.
- D. One-story wood or metal frame accessory buildings with a height not exceeding sixteen (16') and side walls not exceeding twelve feet (12') associated with a Group R Division 3 Occupancy and not used for human occupancy or exceeding one thousand (1,000) square feet in floor area may be constructed on a floating slab provided there is a perimeter footing one foot (1') deep and one foot (1') wide which requires the installation of one (1) number four (4) reinforcing steel bar centrally located throughout the footing.
- E. A single family dwelling not more than one story in height may be constructed on eight inch (8") wide trenched footings provided they are forty two inches (42") below grade and are reinforced with a minimum of two (2) number four (4) reinforcing steel bars running horizontally through the top one-third (1/3) and the bottom one-third (1/3) of the foundation wall.