

AN ORDINANCE TO ADOPT A PLUMBING CODE FOR THE CITY OF MOBILE,  
ALABAMA

Sponsored by: Mayor Stimpson

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MOBILE, ALABAMA, AS  
FOLLOWS:

**ARTICLE ONE: Code and Appendices.** That, pursuant to Alabama Code Section 11-45-8 (1975), the 2021 Edition of the *International Plumbing Code* along with the amendments to the same contained in this Ordinance, has been on file in the office of the City Clerk of the City of Mobile, Alabama, pursuant to an ordinance adopted by the City Council of the City of Mobile, Alabama on November 8, 2022, is hereby adopted as the "Plumbing Code of the City of Mobile."

**ARTICLE TWO: Published Ordinance.** A copy of this Ordinance shall be published pursuant and according to law, after its adoption, but it shall not be necessary for the said 2021 *International Plumbing Code* to be published in a newspaper, nor shall the same be spread at length upon the minutes of this Council, but this Ordinance shall be recorded in said minutes.

**ARTICLE THREE: Effective Date.** The said 2021 *International Plumbing Code*, along with the amendments to the same, shall be in full force and become effective sixty days after its adoption, and all ordinances heretofore adopted by the City of Mobile in conflict are hereby repealed.

**ARTICLE FOUR: Contractors Criteria and Qualifications.** Criteria and qualifications for all contractors shall be set herein. For the purpose of this ordinance the term contractor will hereinafter refer to Plumbing Contractor as defined and added by **ARTICLE NINE** in **SECTION 202 GENERAL DEFINITIONS**.

**Contractor Responsibilities.** Before any person, firm, or corporation shall engage in the plumbing business, he/she shall be qualified as set forth herein, and a license shall be obtained from the City, County, or State as required, and a proper bond posted. Where any plumbing work is being done, a Master Plumber or Journeyman Plumber shall at all times be present on the job and in actual control and in charge of the work being done. All plumbers shall be certified by the State of Alabama and Master Plumbers must be duly registered with the State of Alabama. An Alabama certified Master Plumber or Journeyman Plumber must be present at the time of the inspection for any below ground or concealed space areas. For all other inspections, their presence is not required.

**Contractor License.** It shall be the duty of every plumbing contractor who shall make contracts for the installation or repair of plumbing systems for which a permit is required and every contractor making such contracts and subletting the same, or any part thereof, to pay a license tax as provided in the general license ordinance. The plumbing contractor shall register his name in a book provided for that purpose, with the Code Official, giving full name, residence, and place of

business, and, in case of removal from one place to another to have made corresponding change in said register accordingly.

**ARTICLE FIVE: Surety Bond.** In addition to the requirements as set forth herein, it shall be the duty of every plumbing contractor and sub-contractor to provide and have on file a current license and permit bond for \$10,000. The bond is subject to the approval of The City of Mobile Legal Department and shall be provided by a surety company qualified to do business in the State of Alabama.

Such bond shall insure that the licensee complies with laws, ordinances and building regulations of the applicable governing body. The local governing body shall be indemnified and saved harmless from all claims arising from accidents and damage of any character whatsoever caused by the negligence of such person, firm, or corporation engaged in the plumbing business or by any other unfaithful, inadequate work done either by themselves or their agents or employees.

**ARTICLE SIX: Criteria for Owner to Obtain Permits.** Homeowner's personally doing plumbing work, on the residence that they occupy and own, may be allowed to obtain plumbing permits for their residence after passing an in-house test. Sewer repair and replacements will be the exception to this testing requirement. All applicants must complete and sign an affidavit stating ownership and responsibility for all plumbing work. Any individual other than the owner performing work on a property is considered a plumbing contractor and shall meet the requirements of a plumbing contractor as set forth herein. All inspection criteria shall be the same as for plumbing contractors in ARTICLE FOUR (Contractors Criteria and Qualifications). All other properties will be considered as commercial and subject to ARTICLE FOUR.

**ARTICLE SEVEN: Vehicular Signs.** All trucks and similar vehicles used by plumbing contractors shall have signs on both sides of the body, including the full name, address and telephone number of the firm to which it belongs. Lettering may be any color in contrast to the color of the body, but letters indicating the firms name must be at least 1 ½ inches high.

**ARTICLE EIGHT: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 1 SCOPE AND ADMINISTRATION > PART 1- SCOPE AND APPLICATION > Amend as follows:**

**SECTION 101 SCOPE AND GENERAL REQUIREMENTS – Amend to read as follows:**

**101.1 Title. Amend to read as follows:**

**101.1 Title.** These regulations shall be known as the Plumbing Code of the City of Mobile, Alabama, herein after referred to as, "this Code."

**101.2 SCOPE. Amend to read as follows:**

**101.2 Scope.** The provisions of this Code shall apply to the erection, installation, alteration, repairs, relocation, and replacement, addition to, use or maintenance of plumbing systems within this jurisdiction.

**101.2 Scope – Exception: Amend to read as follows:**

**Exception:** Detached one-and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories above grade plane in height with separate means of egress, and their accessory structures not more than three stories above grade height, shall comply with the International Plumbing Code.

**Add sub-paragraph 101.2.1 Appendices. To read as follows:**

**101.2.1 Appendices.** Provisions in the appendices shall not apply unless specifically adopted.

**Add sub-paragraph 101.2.2 Adopted Appendices. To read as follows:**

**101.2.2 Adopted Appendices.** The following specific appendices shall be adopted.

**B – RATES OF RAINFALL FOR VARIOUS CITIES.**

**D – DEGREE DAY AND DESIGN TEMPERATURES.**

**E – SIZING OF WATER PIPING SYSTEM.**

**SECTION 102 APPLICABILITY – Amend to read as follows:**

**102.6 Historic Buildings. Amend to read as follows:**

**102.6 Historic Buildings.** The provisions of this Code relating to the construction, alteration, repair, enlargement, restoration, relocation or moving of buildings or structures shall not be mandatory for existing buildings or structures identified and classified by the state or local jurisdiction as historic buildings, including those listed on the National Register of Historic Places or eligible for listing on the National Register of Historic Places, when such buildings or structures are judged by the Code Official to be safe and in the public interest of health, safety and welfare regarding any proposed construction, alteration, repair, enlargement, restoration, relocation or moving of buildings.

**102.7 Moved Buildings. Amend to read as follows:**

**102.7 Moved buildings.** Except as determined by Section 102.2, plumbing systems that are part of buildings or structures moved into, or moved within, the jurisdiction shall comply with the provisions of this Code for new installations.

**Add Paragraph 102.12 Energy Conservation. To read as follows:**

**102.12 Energy Conservation.** Where referenced, the International Energy Conservation Code shall be the energy code adopted and enforced by the State of Alabama.

**PART 2 > ADMINISTRATION AND ENFORCEMENT > SECTION 103 CODE  
COMPLIANCE AGENCY > Amend to read as follows:**

**SECTION 103.1 Creation of Agency. Amend to read as follows:**

**103.1 Creation of Agency.** The Plumbing Inspections Department is hereby created and the official in charge thereof shall be known as the code official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

**SECTION 106 PERMITS – Amend to read as follows:**

**106.4 By whom application is made. Amend to read as follows:**

**106.4 By whom application is made.** Application for a permit shall be made by the person or agent to install all or part of any plumbing system. The applicant shall meet all qualifications established by statute, or by rules promulgated, by this Code, or by ordinance, or by resolution. The full name and address of the applicant shall be stated in the application. An Alabama Master Plumbing License and Business License shall be required, except for homeowners personally performing work on the residence they occupy. In the case of a home-owners permit, the homeowner must pass a competency test, given by the Code Official, for plumbing work being performed. The exception will be replacing and/or repairing existing water services and/or existing sewer lines. All others must be duly registered, licensed plumbers with the City of Mobile.

**Add sub-paragraph 106.4.1 For the purposes of water heater installations only. To read as follows:**

**106.4.1 For the Purposes of Water Heater Installations Only.** A State certified Master Gas Fitter may purchase the permit for water heater installation. Said Master Gas Fitter must adhere to the same qualifications as plumbers.

**106.5 Permit issuance. Amend to read as follows:**

**106.5 Permit issuance.** The application, construction documents and other data filed by an applicant for permit shall be reviewed by the Code Official or his designated representative. If the Code Official finds that the proposed work conforms to the requirements of this Code and all laws and ordinances applicable thereto, the application has been signed by a licensed master plumber, the street address of the location is included, and applicable fees have been paid, a

permit shall be issued to the applicant. If the application does not conform to the requirements a permit shall not be issued, and the application, with reason for refusal, shall be returned to the applicant. The Code Official may also refuse to issue permits to any individual who has failed to arrange for necessary inspections, as required by the Code, on previous permits. Projects that are re-permitted, under an existing / non-finaled permit, by a new plumber, will be required to repermit the job in its entirety for all work under said permit.

**SECTION 108 INSPECTIONS AND TESTING. > 108.2 Required inspections and testing. Amend to read as follows: - Amend to read as follows:**

**108.2 Required inspections and testing. Sub-paragraph 1. Amend to read as follows:**

1. Underground inspection (rough-in) shall be made after trenches or ditches are excavated, piping installed and the piping bedded-in, to at least, the bottom half of the pipe diameter and before any backfill is put in place.

**108.2 Required inspections and testing. Sub-paragraph 2. Amend to read as follows:**

2. Top-out inspection shall be made after the roof, framing, fire blocking, firestopping, draft stopping and bracing is in place and all sanitary and water distribution piping is installed, and prior to the installation of wall or ceiling membranes.

**108.2 Required inspections and testing. Sub-paragraph 3. Amend to read as follows:**

3. Final inspection shall be made after the building is complete (except for partials), all plumbing fixtures are in place and properly connected and sealed, and the structure is ready for occupancy.

**Add 108.2 Required inspections and testing. Sub-paragraph 4. To read as follows:**

4. Building sewer and other underground inspections shall be made after the piping is installed and the pipe has been bedded-in, to at least, the bottom half of the pipe diameter. Underground piping shall be supported along its entirety before inspection(s)

**Add 108.2 Required inspections and testing. Sub-paragraph 5. To read as follows:**

5. Water service inspection shall be made after piping, valves, and back flow preventers are installed, and before any back fill is put in place. Underground piping shall be supported along its entirety before inspection(s)

**SECTION 109 FEES. Amend to read as follows:**

**109.2 Schedule of permit fees. Amend to read as follows:**

**109.2 Schedule of permit fees.** On all plumbing installations requiring a plumbing permit, a fee for each plumbing permit shall be paid as required at the time of filing the application, in accordance with the "Building Codes Permit Fee Schedule Ordinance" as adopted in a separate ordinance.

**109.5 Refunds. Amend to read as follows:**

**109.5 Refunds.** Plumbing permit refunds shall be issued in accordance with the "Building Codes Permit Fee Schedule Ordinance" as adopted in a separate ordinance.

**SECTION 114 MEANS OF APPEAL - Amend as follows:**

**SECTION 114 MEANS OF APPEAL – Delete in its entirety.**

**Add SECTION 114 BOARD OF APPEALS. To read as follows:**

**SECTION 114 BOARD OF APPEALS**

**Add paragraph 114.1 Construction Board of Appeals. To read as follows:**

**114.1 Construction Board of Appeals.** The Board of Appeals, herein called the Construction Board of Appeals, shall be in accordance with the applicable sections regarding appeals of the International Building Code and the Ordinance Adopting the International Building Code.

**SECTION 115 VIOLATIONS. Amend as follows:**

**. 115.4**

**Violation penalties. Amend to read as follows:**

**. 115.4**

**Violation penalties.** Persons who shall violate a provision of the *2021 International Plumbing Code* (IPC), as amended, or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair plumbing work in violation of the approved construction documents or directive of the Plumbing Official or of a permit or certificate issued under the provisions of this code shall be prosecuted, and upon conviction, be punished by a fine not to exceed five hundred dollars (\$500.00). In addition, thereto, at the discretion of the court trying the case, any person so convicted may be imprisoned or sentenced to hard labor for the City for a period not exceeding six (6) months. Other penalties in accordance with Chapter 1 of the Mobile City Code may also apply. Each day that a

violation continues after due notice has been served shall be deemed a separate offense. Notwithstanding any other provision of law, the maximum penalty for every person convicted of violating any of the following offenses are as follows:

1. A violation of any provision of **ARTICLE FOUR: Contractors Criteria and Qualifications**, of this Ordinance, shall be a \$500 fine. Each day that a violation continues after due notice has been served shall be deemed a separate offense.
2. A violation of any provision of **ARTICLE SEVEN: Vehicular Signs**, of this Ordinance, shall be a \$100 fine. Each day that a violation continues after due notice has been served shall be deemed a separate offense.
3. Any act to impede, delay, deceive, obstruct, hinder, disturb or interfere in any manner with the Code Official in the execution of the Code Official's duties shall be a \$100 fine. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

**115.6 Unsafe Plumbing. Amend to read as follows:**

**115.6 Unsafe Plumbing.** Any plumbing regulated by this code that is unsafe or that constitutes a fire or health hazard, insanitary condition, or is otherwise dangerous to human life is hereby declared unsafe. Any use of plumbing regulated by this code constituting a hazard to safety, health or public welfare by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, disaster, damage or abandonment is hereby declared an unsafe use. Any such unsafe equipment is hereby declared to be a public nuisance and shall be abated by repair, rehabilitation, demolition or removal. All septic tanks and cesspools shall be pumped and filled, by the permit holder, when connecting to an existing public sewer system.

**ARTICLE NINE > 2021 INTERNATIONAL PLUMBING CODE, > CHAPTER 2  
DEFINITIONS > SECTION 202 GENERAL DEFINITIONS > Amend as follows:**

**Add the following Definitions - To read as follows:**

**COOKING ESTABLISHMENTS.** Occupancy types that contain, utilize or propose the use of stoves and/or fryers.

**HISTORIC BUILDING.** Any building or structure that is listed in the Alabama Register of Landmarks and Heritage or in the National Register of Historic places; designated as a historic property under local or state designation; certified as a contributing resource within a National Register listed or locally designated historic district; or with an opinion or certification that the property is eligible to be listed in the Alabama Register or the National Register of Historic Places

either individually or as a contributing building to a historic district by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places.

**MAIN VENT.** The principle vent for a plumbing system extending full sized from the building drain, through the roof.

**PLUMBING CONTRACTOR.** Any individual or business licensed, registered and holding an active certification with Alabama Plumbers and Gas Fitters Examining Board, in accordance with all the statutory requirements of the State of Alabama and the City of Mobile.

**PREMISES.** A lot, Plot or parcel of land, easement, public way or right-of-way, including any structures thereon.

**Amend the following Definitions – Amend to read as follows:**

**FLOOD HAZARD AREA.** The area designated as a flood hazard area in accordance with the “Storm Water Management and Flood Control Ordinance” adopted and administered by the City of Mobile’s Engineering Department.

**INDIVIDUAL SEWAGE DISPOSAL SYSTEM.** A system for disposal of domestic sewage by means of a septic tank, cesspool or mechanical treatment, designed for utilization apart from a public sewer to serve a single establishment or building. This system will be allowed only if public sewer is not available.

**POTABLE WATER.** Water free from impurities present in amounts sufficient to cause disease or harmful physiological effects and conforming to the bacteriological and chemical quality requirements of the Alabama Department of Environmental Management (ADEM) drinking water standards. (A.D.E.M.-Admin code R335-7).

**SEWER:**

**Sanitary sewer.** A pipe, outside the footprint of the structure, that carries sewage and excludes storm, surface and ground water.

**ARTICLE TEN: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 3 GENERAL REGULATIONS > Amend as follows:**

**301 GENERAL – Amend to read as follows:**

**301.3 Connections to drainage system. Exception: Amend to read as follows:**



**Exception:** Bathtubs, showers, lavatories, clothes washers and laundry trays shall discharge to the sanitary drainage system. Drainage systems referenced in Chapter 14 shall be *approved*.

## **SECTION 305 PROTECTION OF PIPES AND PLUMBING SYSTEM COMPONENTS –**

### **305.4 Freezing. Amend read as follows:**

#### **305.4.1 Sewer depth. Amend to read as follows:**

**305.4.1 Sewer depth.** Building sewers that connect to private sewage disposal systems shall be a minimum of schedule 40 pressure rated piping and have a minimum of 12 inches (305mm) cover at the point of grease trap or septic tank connection. Building sewers, less than schedule 40 pressure rated piping, or rated drain waste and vent only, that connect to public sewage systems shall have a minimum of 12” inches (458mm) cover, and shall not be placed under driveways, parking lots or areas otherwise subjected to vehicular or heavy equipment travel paths.

## **SECTION 307 STRUCTURAL SAFETY - Amend to read as follows:**

### **307.6 Piping materials exposed within plenums. Amend to read as follows:**

**307.6 Piping materials exposed within plenums.** Piping materials exposed within plenums shall comply with the provisions of the International Mechanical Code. No floor drain or other plumbing fixture shall be installed in a room containing air handling machinery when such room is used as a plenum. When rooms are used as a plenum, equipment drains shall be conveyed through an indirect waste receptor located outside such rooms or other approved point of disposal.

### **Add sub-paragraph 307.7 Prohibited locations. To read as follows:**

**307.7 Prohibited locations.** No floor drain or other plumbing fixture shall be installed in a room containing air handling machinery when such room is used as a plenum. When rooms are used as a plenum, equipment drains shall be conveyed through an indirect waste receptor located outside such rooms or other approved point of disposal.

## **SECTION 308 PIPING SUPPORT. Amend to read as follows:**

### **308.9 Parallel water distribution systems. Amend to read as follows:**

**308.9 Parallel water distribution systems.** Piping bundles for manifold systems shall be supported in accordance with Table 308.5. Support at changes in direction shall be in accordance with the manufacturer’s instructions. Where hot water piping is bundled with cold or hot water piping, each hot water pipe shall be insulated.

**Exception:** This section shall not apply to residential occupancies.

## **SECTION 312 TESTS AND INSPECTIONS – Amend to read as follows:**

**312.2 Drainage and vent water test. Amend to read as follows:**

**312.2 Drainage and vent water test.** A water test shall be applied to the drainage system either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly closed, except the highest opening, and the system shall be filled with water to a point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest openings of the section under test, and each section shall be filled with water, but no section shall be tested with less than 5-foot (1524mm) head of water. In testing successive sections, at least the upper 5 feet (1524mm) of the next preceding section shall be tested so that no joint or pipe in the building, except the uppermost 5 feet (1524mm) of the system shall have been submitted to a test of less than a 5-foot (1524mm) head of water. The water shall be kept in the system, or in the portion under test, for at least 15 minutes before inspection starts. The system shall then be tight at all points.

**312.6 Gravity sewer test. Amend to read as follows:**

**312.6 Gravity sewer test.** The Code Official may require a gravity sewer test that shall consist of plugging the end of the building sewer at the point of connection with the public sewer, filling the building sewer with water, testing with not less than a 5-foot (1524mm) head of water and maintaining such pressure for 15 minutes.

**312.8 Storm drainage system test.** Delete in its entirety.

**312.9 Shower liner test.** This section will be used for reference only.

**312.10 Inspection and testing of backflow prevention assemblies.** Delete in its entirety.

**ARTICLE ELEVEN: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 4  
FIXTURES, FAUCETS AND FIXTURE FITTINGS > Amend as follows:**

**SECTION 403 MINIMUM PLUMBING FACILITIES – 403.1 Minimum number of fixtures.  
Amend to read as follows:**

**403.1.1 Fixture calculations.** Delete Exception #2 in its entirety.

**403.1.3 Lavatory Distribution.** Amend to read as follows:

**403.1.3 Lavatory Distribution.** Lavatory distribution shall be distributed according to Table  
403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

**403.2 Separate Facilities.** Delete Exception #6 in its entirety

**SECTION 406 AUTOMATIC CLOTHES WASHERS - Amend to read as follows:**

**Add sub-paragraph 406.3 Washing machine standpipe. To read as follows:**

**406.3 Washing machine standpipe.** Standpipe shall not terminate less than 34 inches above finished floor.

**413 FLOOR AND TRENCH DRAINS - Amend to read as follows:**

**413.3 Size of floor drains.** Amend to read as follows:

**413.3 Size of commercial floor drains.** Floor drains, trench drains and floor sinks, in commercial occupancies, shall have a minimum of 3-inch diameter (76 mm) drain outlet and opening.

**Add sub-paragraph 413.5 Restrooms with urinals - To read as follows:**

**413.5 Restrooms with urinals.** In restrooms with urinals, other than residential, floor drains shall be provided. Installation shall be in accordance with chapters 413.1, 413.2, and 413.3, and floors shall be sloped to the drain.

**SECTION 416 FOOD WASTE DISPOSER UNITS - Amend to read as follows:**

**416.2 Domestic Food Waste Disposer Waste Outlets.** Amend to read as follows:

**416.2 Domestic Food Waste Disposer Waste Outlets.** Domestic food waste disposers shall be connected to a trap and/or drain of not less than 2 inches (51mm) in diameter

**416.3 Commercial Food Waste Disposer Waste Outlets.** Amend to read as follows:

**416.3 Commercial Food Waste Disposer Waste Outlets.** Commercial food waste disposers shall be connected to a drain/trap not less than 2 inches (51mm) in diameter. Commercial food waste disposers shall be connected and trapped separately from any other fixtures or sink compartments.

## **SECTION 420 MANUAL FOOD AND BEVERAGE DISPENSING EQUIPMENT -**

**Amend to read as follows:**

**Add sub-paragraph 420.2 Waste drains. To read as follows:**

**420.2 Waste drains.** Waste drains for manual food and beverage dispensing equipment shall discharge to the grease trap.

## **SECTION 421 SHOWERS - Amend to read as follows:**

**421.3 Shower waste outlet. Amend to read as follows:**

**421.3 Shower waste outlet.** Waste outlets serving showers shall be at least 2 inches ( 51mm ) in diameter and for other than waste outlets in bathtubs, shall have removable strainers be not less than 3 inches in diameter with strainer openings not less than 0.25 inches in minimum dimension. Where each shower space is not provided with an individual waste outlet, the waste outlet shall be located and the floor pitched so that waste from one shower does not flow over the floor area serving another shower. Waste outlets shall be fastened to the waste pipe in an approved manner.

## **SECTION 421 SHOWERS > 421.4 Shower compartments. > 421.4.1 Floor and wall areas. Amend to read as follows:**

**Add sub-paragraph 421.4.1.1 Tub and Shower Wall or Surround Replacement. To read as follows:**

**421.4.1 Tub and Shower Wall or Surround Replacement.** Where the wall or surround for a tub and/or shower is removed, a new valve shall be installed that complies with Section 412.

## **ARTICLE TWELVE: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 5 WATER HEATERS > Amend as follows:**

### **SECTION 501 GENERAL - Amend to read as follows:**

**501.4 Location. Amend to read as follows:**

**501.4 Location.** Water heaters and storage tanks shall be located and connected so as to provide ready access for observation, maintenance, servicing and replacement. All tank type water heaters and storage tanks located in attics or any overhead locations shall be accessible by a permanent fixed staircase.

**Exception:** 20 gallon and smaller, tank style heaters, may be installed on mezzanines without a permanent stair case. Additional disconnects will be required 6 feet maximum above finished floor so that direct access to the heater space will not be required to disconnect the appliance from water, gas and/or electricity. Access panels for the disconnects shall be marked with “factory” type labels.

Tankless style heaters shall be allowed in attic spaces provided they have a pan and meet the requirements listed in 502.3. Water heaters shall not be installed above drop ceilings.

## **SECTION 502 INSTALLATION - Amend to read as follows:**

### **502.1 General. Amend to read as follows:**

**502.1 General.** Water heaters shall be installed in accordance with the manufacturer's installation instructions. Oil-fired water heaters shall conform to the requirements of this Code and the 2021 International Mechanical Code. Electric water heaters shall conform to the requirements of this Code and provisions of the 2020 National Electrical Code. Gas fired water heaters shall conform to the requirements of the 2021 International Fuel Gas Code.

### **502.3 Water heaters installed in attics. Amend to read as follows:**

**502.3 Water heaters installed in attics.** Attics containing a water heater shall be provided with a readily accessible opening and unobstructed passageway large enough to allow removal of the water heater. For tank type water heaters and storage tanks, the opening shall be accessed by a permanently fixed staircase (See exception in 501.4). The passage way shall not be less than 30 inches (762mm) high and 22 inches (559mm) wide and not more than 20' feet (6096mm) in length when measured along the center line of the passage way from the opening to the water heater. The passage way shall have continuous solid flooring not less than 24 inches (610mm) wide. A level service space at least 30 inches (762mm) deep and 30 inches (762mm) wide shall be present at the front or service side of the water heater. The clear access opening shall be of sufficient dimensions to allow removal and replacement of the water heater, but in no case less than 20 inches by 30 inches (508mm by 762mm).

### **Add sub-paragraph 502.6 Prohibited locations. To read as follows:**

**502.6 Prohibited locations.** Water heaters using solid, liquid or gas fuel shall not be located in sleeping rooms, bathrooms, toilet rooms, storage closets or surgical rooms, or in a space that opens only into such rooms or spaces. Appliances shall not be located in a room containing air-handling machinery/equipment where that room is used as a plenum.

## **SECTION 503 CONNECTIONS - Amend to read as follows:**

### **Add sub-paragraph 503.3 Non-metallic pipe. To read as follows:**

**503.3 Non-metallic pipe.** Non-metallic pipe shall not be installed within 6" inches (152mm) of the inlet, outlet, or vent of any water heater. Exceptions shall be made for *approved* transition fittings, on electric heaters, that comply with this code and the manufacturer's installation instructions. Documentation from manufacturer required.

## **SECTION 504 SAFETY DEVICES - Amend to read as follows:**

**504.2 Vacuum relief valve. Amend to read as follows:**

**504.2 Vacuum relief valve.** Bottom fed water heaters and bottom fed tanks connected to water heaters shall have a vacuum relief valve installed. The vacuum relief valve shall comply with ANSI Z21.22. The cold-water piping shall rise above the top of the water heater, to the vacuum relief valve before connecting to the tank inlet.

**504.3 Shutdown. Amend to read as follows:**

**504.3 Shutdown.** A means of disconnecting an electric hot water supply system from its power supply shall be provided. A disconnect switch shall be provided in accordance with 404.9.1 of the IECC and the 2020 National Electrical Code. A separate valve shall be provided to shut off the fuel supply to all other types of hot water supply systems. Required electrical disconnect, timers, controls and fuel shut off shall be located within 6 feet (1524mm) of the water heater and a maximum of 6 feet (1524mm) above finished floor with identifying label.

**504.6 Requirements for discharge piping. Amend to read as follows:**

**504.6 Amend item #5 to read:** Discharge to a waste receptor or to the outdoors only.

**504.7 Required Pan. Amend to read as follows:**

**504.7 Required pan.** Where water heaters or hot water storage tanks that are installed in locations where leakage of the tanks or connections will cause damage, the tank or water heater shall be installed in a pan that complies with the requirements of the *2021 International Plumbing Code*.

**504.7.1 Pan size and drain. Amend to read as follows:**

**504.7.1 Pan size and drain.** The pan shall not be less than 1 1/2 inches (38mm) deep and shall be of sufficient size and shape to receive all dripping or condensate from the tank or water heater. The pan shall be drained by an indirect, hot rated waste pipe, having a minimum diameter of 1 inch (25.4mm).

**Add SECTION 506 MINIMUM CAPACITIES – To read as follows:**

**Add sub-paragraph 506.1 Residential. To read as follows:**

**506.1 Residential.** Water heaters installed in residential occupancies shall be sized in accordance with TABLE 506.

**Add sub-paragraph 506.2 Commercial. To read as follows:**

**506.2 Commercial.** Water heaters installed in commercial occupancies shall be sized by a qualified design professional, licensed in the State of Alabama. All food establishments shall have a 30-gallon minimum or equal. This includes coffee shops, smoothie or ice cream shops and similar establishments that are in the business of serving food or drinks.

Add TABLE 506 MINIMUM CAPACITIES FOR WATER HEATER to read as follows:

**TABLE 506**

**MINIMUM CAPACITIES FOR WATER HEATER<sup>1</sup>**

FUEL		GAS	ELECT.	OIL	GAS	ELECT.	OIL	GAS	ELECT.	OIL	GAS	ELECT.	OIL
NUMBER OF BEDROOMS		1			2			3					
1 to 1 ½	Storage(gph)	20	20	30	30	30	30	30	40	30			
	Input Baths	27	2.5	70	36	3.5	70	36	4.5	70			
	Draw(gph)	43	30	89	60	44	89	60	58	89			
	Recovery(gph)	23	10	59	30	14	59	30	18	59			
NUMBER OF BEDROOMS		2			3			4			5		
2 to 2 ½	Storage(gph)	30	40	30	40	50	30	40	50	30	50	66	30
	Input Baths	36	4.5	58	70	36	5.5	72	70	38	5.5	88	70
	Draw(gph)	60	18	89	70	22	89	72	22	89	90	22	89
	Recovery(gph)	30		59	30		59	32		59	40		59
NUMBER OF BEDROOMS		3			4			5			6		
Baths	Storage(gph)	40	50	30	50	66	30	50	66	30	50	80	40
	Input 3 to 3 ½	38	5.5	70	38	5.5	70	47	5.5	70	50	5.5	70
	Draw(gph)	72	72	89	82	88	89	90	88	89	92	102	99
	Recovery(gph)	32	22	59	32	22	59	40	22	59	42	22	59

1 gph = 1.05 mL/s

**Note:**

1. Storage capacity, input and the recovery requirements indicated in the table are typical and may vary with each individual manufacturer. Any combination of these requirements to produce the 1-hour draw stated shall be satisfactory. Recovery is based on 100°F (37.8°C) water temperature rise. The input rating is in units of one thousand BTUs per hour for gas and oil, and one thousand watts per hour for electric.

**Example:** For a 3-bedroom, 2 bath residence there are three choices as follows: A 40-gal storage/30gph recovery gas heater; a 50-gal storage/22gph recovery electric heater; or a 30-gal storage/59gph recovery oil heater; or an equivalent combination which will produce at least a 70 gph total draw.

**ARTICLE THIRTEEN: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 6**  
**WATER SUPPLY AND DISTRIBUTION > Amend as follows:**

**SECTION 602 WATER REQUIRED - Amend to read as follows:**

**602.3 Individual Water Supply. Amend to read as follows:**

**602.3 Individual Water Supply.** Every building in which plumbing fixtures are installed and all premises having water piping shall be connected to public water, where available. Where potable public water supply is not available, individual sources of potable water supply shall be *approved*.

**SECTION 603 WATER SERVICE - Amend to read as follows:**

**603.1 Size of water service pipe. Amend to read as follows:**

**603.1 Size of water service pipe.** The water service pipe and fixtures shall be sized to supply water to the structure in the quantities and at the pressures required by this Code. The minimum inside diameter of the water service shall be  $\frac{3}{4}$  inch (19.1mm).

**Add sub-paragraph 603.1.1 Fittings. To read as follows:**

**603.1.1 Fittings.** All service lines with insert fittings having less than  $\frac{3}{4}$  inch (19.1mm) inside diameter shall require a minimum of 1-inch (25.4mm) pipe to the first manifold or water heater.

**Add Paragraph 603.2 Separation of water service and building sewer. Exception: To read as follows:**

**603.2 Separation of water service and building sewer.**

**Exception:** This does not apply to force main or pressurized sewers; a separate ditch is required.

**603.2.1 Water service near sources of pollution. Amend to read as follows:**

**603.2.1 Water service near sources of pollution.** Potable water services pipes shall be separated from septic tanks, and septic tank disposal fields in accordance with Alabama Department of Public Health (ADPH) rules. See section 605.1 for soil and ground water conditions.

**SECTION 604 DESIGN OF BUILDING WATER DISTRIBUTION SYSTEM Amend to read as follows:**

**604.1 General. Amend to read as follows:**

**Add sub-paragraph 604.1.1 Piping below slab. To read as follows:**

**604.1.1 Piping below slab.** All piping below slab shall be seamless tubing.

**604.3 Water distribution system design criteria. Amend to read as follows:**



**604.3 Water distribution system design criteria.** The water distribution system shall be designed, and pipe and fitting sizes shall be selected such that under conditions of peak demand, the capacities at the fixture supply pipe outlets shall not be less than shown in Table 604.3. The minimum flow rate and flow pressure provided to the fixtures and appliances not listed in table 604.3 shall be in accordance with manufacturer's installation instructions. All systems utilizing insert type fittings that reduce the inside diameter of the pipe shall be limited to 1 fixture per 1/2 inch or less supply piping.

**SECTION 605 MATERIALS, JOINTS AND CONNECTIONS - Amend to read as follows:**

**TABLE 605.3 WATER SERVICE PIPE - Amend as follows:**

**Delete:** Acrylonitrile butadiene styrene (ABS) plastic pipe and galvanized steel.

**TABLE 605.4 WATER DISTRIBUTION PIPE - Amend as follows:**

**Delete:** Galvanized steel pipe.

**TABLE 605.5 PIPE FITTINGS - Amend as follows:**

**Delete:** Acrylonitrile butadiene styrene (ABS) plastic pipe

**SECTION 607 HOT WATER SUPPLY SYSTEM - Amend to read as follows:**

**607.2 Hot or tempered water supply to fixtures. Amend to read as follows:**

**607.2 Hot or tempered water supply to fixtures.** The developed length of hot or tempered water piping, from the source of hot water to the fixtures that require hot or tempered water, shall not exceed 50 feet (15 240 mm). Recirculating system piping and heat-traced piping shall be considered to be sources of hot or tempered water.

**Exception:** In residential occupancies the developed length of hot or tempered water piping from water heater to the fixture shall not exceed 100 feet.

**SECTION 608 PROTECTION OF POTABLE WATER SUPPLY - Amend to read as follows:**

**608.18 PROTECTION OF INDIVIDUAL WATER SUPPLIES – Amend to read as follows:**

**608.18 Protection of individual water supplies.** This section is for reference only; individual water supplies are regulated by the Alabama Department of Environmental Management (ADEM).

**TABLE 608.18.1 for reference only.**

**TABLE 608.18.1**

**DISTANCE FROM CONTAMINATION TO PRIVATE  
WATER SUPPLIES AND PUMP SUCTION LINES**

SOURCE OF CONTAMINATION	DISTANCE (feet)
Barnyard	100
Farm silo	25
Pasture	100
Pump house floor drain of cast iron draining to ground surface	2
Seepage pits	100
Septic tank	50
Sewer	10
Subsurface disposal fields	100
Subsurface pits	100

For SI: 1 foot = 304.8mm.

**ARTICLE FOURTEEN: 2012 INTERNATIONAL PLUMBING CODE > CHAPTER 7  
SANITARY DRAINAGE > Amend to read as follows:**

**SECTION 701 GENERAL - Amend to read as follows:**

**701.2 Connection to sewer required. Amend to read as follows:**

**701.2 Connection to Sewer required.** Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer, where available. An approved private sewage disposal system in accordance with Alabama Department of Public Health rules shall be required where public sewer is not available.

**Exceptions:**

1. Alternative materials, design and methods of construction and equipment shall be *approved*.  
(Also see 301.3)
2. At the time of adoption of this Code, existing private sewage systems shall be allowed to remain in use until failure or repairs are necessary. Then connection to public sewer shall be required if it is available.

**SECTION 702 MATERIALS –Amend to read as follows:**

**TABLE 702.1 ABOVE-GROUND DRAINAGE AND VENT PIPE**

**Delete:** Acrylonitrile butadiene styrene (ABS) plastic pipe and galvanized steel pipe.

**702.2 Underground building sanitary drainage and vent pipe. Amend to read as follows:**

**Add sub-paragraph 702.2.1 Minimum size. To read as follows:**

**702.2.1 Minimum size.** The minimum pipe size installed underground in a sanitary drainage system, within a building, shall be 2 inch (50.8mm) nominal pipe size.

**TABLE 702.2 UNDERGROUND BUILDING DRAINAGE AND VENT PIPE**

**Delete:** Acrylonitrile butadiene styrene (ABS) plastic pipe.

**TABLE 702.3 BUILDING SEWER PIPE**

**Delete:** Acrylonitrile butadiene styrene (ABS) plastic pipe.

**TABLE 702.4 PIPE FITTINGS**

**Delete:** Acrylonitrile butadiene styrene (ABS) plastic pipe.

**SECTION 705 JOINTS > Amend to read as follows:**

**705.10 PVC plastic. 705.10.1 Mechanical joints. Amend to read as follows:**

**705.10.1 Mechanical Joints.** Mechanical joints on drainage pipes of the same diameters shall consist of an elastomeric sealing sleeve and a metallic shield that comply with CISPI 310, ASTM C1277 or ASTM C1540. The elastomeric sealing sleeve shall conform to ASTM C564 or CSA B602 and shall be provided with a center stop. Alternative methods or materials shall be *approved*.

**705.11 Vitrified clay. Amend to read as follows:**

**705.11 Vitrified clay.** Mechanical joints on drainage pipes of the same diameters shall consist of an elastomeric sealing sleeve and a metallic shield that comply with CISPI 310, ASTM C1277 or ASTM C1540. The elastomeric sealing sleeve shall conform to ASTM C564 or CSA B602 and shall be provided with a center stop. Alternative methods or materials shall be *approved*.

**SECTION 706 CONNECTIONS BETWEEN DRAINAGE PIPING AND FITTINGS -**

**Amend to read as follows:**

**706.4 Heel- or side-inlet quarter bends. Delete in its entirety.**

**SECTION 707 PROHIBITED JOINTS AND CONNECTIONS – To read as follows:**

**Add 707.1 Prohibited joints #7. To read as follows:**

**707.1 Prohibited joints #7.** Connections between drain and waste pipes, of the same diameter, without an approved shield.

**SECTION 708 CLEANOUTS – 708.1 Cleanouts required. - 708.1.1 Horizontal drains and building drains. Amend to read as follows:**

**Add sub-paragraph 708.1.1.1 Kitchen sink Cleanouts. To read as follows:**

**708.1.1.1 Kitchen Sink Cleanouts.** A cleanout shall be required where the stack serving the kitchen sink is located on an exterior wall, or where the stack is located in a wall that is shared with the garage or storage room outside of the insulated building envelope. The cleanout shall be located above the horizontal connection of the drain arm to the stack, and shall open to the outdoors, garage or storage room.

**Add 708.1.9 Installation arrangement. Exception #3. To read as follows:**

**708.1.9 Exception #3. Building sewer and property service lateral connection.** There shall be a two way clean out fitting located at the sewer conjunction of service lateral and building sewer outside of right of way. Clean-out shall be installed on the lateral before any vertical or horizontal off-sets are made.

**SECTION 709 FIXTURE UNITS – Amend as follows:**

**TABLE 709.1 DRAINAGE FIXTURE UNITS FOR FIXTURES AND GROUPS. Amend to read as follows:**

Kitchen sink, domestic - Minimum size of trap (inches) shall be 2 (50.8mm).

Kitchen sink, domestic with food waste disposer, dishwasher or both - Minimum trap size (inches) shall be 2 (50.8mm).

**Add:** Domestic style breakroom sinks in commercial occupancies- Minimum trap size (inches) shall be 2 (50.8mm).

**SECTION 710 DRAINAGE SYSTEM SIZING - Amend to read as follows:**

**TABLE 710.1. (1) BUILDING DRAINS AND SEWERS - To read as follows: Add Notes to TABLE 710.1 (1) as follows:**

- b. The maximum number of water closets on a 3-inch (76.2mm) pipe shall be 3.
- c. No building sewer shall be less than 4-inch (101.6mm) diameter.
- d. Minimum size of building drain, in a commercial building, shall be a minimum of 4 inches (101.6mm). and installed to the first restroom or bathroom group
- e. The pipe size for the main building drain or main branch, for the grease waste system, shall be 4" minimum (101.6mm).

## **SECTION 714 BACKWATER VALVES - Amend to read as follows:**

### **Paragraph 714.1 Sewage backflow. Amend to read as follows:**

**714.1 Sewage backflow.** Where a plumbing drainage system may be subject to a back-flow of sewage including, but not limited to the installation fixtures below the level of the nearest upstream manhole cover, suitable provisions shall be made by the contractor or property owner, to prevent all on-premise (private property) generated effluent from entering the building. For off-premise generated effluent (not private property) either the owner, contractor, or, if part of the public sewer system, the public sewer authority may be required to install overflow protection for the premises. Check valves or mechanical devices shall not be allowed in the sanitary sewer system without approval of the Code Official.

**EXCEPTION:** Shall be left as written in the code

## **ARTICLE FIFTEEN: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 8 INDIRECT/SPECIAL WASTE > Amend as follows:**

### **SECTION 802 INDIRECT WASTES –802.1 Where required. - Amend to read as follows:**

#### **802.1.2 Floor drains in food storage areas. Exception. - Amend as follows:**

**802.1.2 Floor drains in food storage areas. Exception.** Delete in its entirety.

#### **802.1.4 Swimming pools. Amend to read as follows:**

**802.1.4 Swimming Pools.** Where waste water from swimming pools, backwash from filters and water from pool deck drains discharge to the building drainage system, the discharge shall be through an indirect waste pipe by means of an air gap into a waste receptor. This waste receptor may connect to city sewer OR on-site irrigation. All discharged waste to irrigation shall comply with ADEM rules and regulations. Pool waste shall not be placed on streets, on or across neighboring properties, or any place in the estimation of the Code Official where it is considered a nuisance.

#### **802.4 Waste receptors. Amend to read as follows:**

**802.4.2 Hub drains. To read as follows:**

**802.4.2 Hub Drains.** A hub drain shall be in the form of a hub or a pipe extending not less than 1 inch (25mm) above a water-impervious floor. Hub drains shall have a minimum opening diameter of 4 inches (101.6mm) unless otherwise *approved*.

**ARTICLE SIXTEEN: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 9**

**VENTS > Amend as follows:**

**SECTION 903 VENT TERMINALS – 903.1 Vent terminal required. - Amend to read as follows:**

**903.1.1 Roof extension unprotected. Amend to read as follows:**

**903.1.1 Roof extension unprotected.** All open vent pipes that extend through a roof shall be terminated not less than 6 inches (152mm) above the roof.

**SECTION 906 VENT PIPE SIZING – 906.1 Size of stack vents and vent stacks. Amend as follows:**

**Add sub-paragraph 906.1.1 Minimum size. To read as follows:**

**906.1.1 Minimum size.** Every building in which plumbing is installed shall have at least one stack the size of which is not less than 3 inches (76mm) in diameter. Such stack shall run undiminished in size and as directly as possible from the building drain through to the open air or to a vent header that extends to the open air. The main stack vent in a detached garage or other accessory building with 10 Drainage Fixture Units or less may be 2 inches.

**SECTION 909 FIXTURE VENTS – Amend as follows:**

**909.1 Distance of trap from vent. Exception - Amend as follows:**

**909.1 Distance of trap from vent. Exception - Delete Exception in its entirety.**

**SECTION 912 – WET VENTING – 912.1 Horizontal wet vent permitted. –**

**Add sub-paragraph 912.1.1 VERTICAL WET VENT PERMITTED. Exception –To read as follows:**

**912.1.1 Vertical wet vent permitted.**

**Exception:** Where a kitchen sink, with or without a dishwasher and/or disposal, is located on a common wall with a single bathroom group, that is vented by a single minimum 3” (76mm) vertical wet vent, such sink shall be allowed to discharge into that 3” (76mm) minimum size vertical stack. Automatic clothes washers shall not discharge into this arrangement.

**SECTION 916-ISLAND FIXTURE VENTING > Amend as follows:**

**Add sub-paragraph 916.4 Optional Island Fixture Vent Permitted. To read as follows:** **916.4 Optional Island Fixture Vent Permitted.** A combination waste and vent is allowed for an island kitchen sink provided the vertical and horizontal drain is a minimum of 3" (76mm) in diameter, the horizontal drain is within 15' (9.7m) of a vent or vented branch and a clean-out is provided on top of the 3 inch tee. If the upstream vent connection is an automatic clothes washer, that washer branch shall be 3" (76mm) minimum, up to and including, the horizontal to vertical 90°. Island vents used for applications other than island sinks shall be *approved*.

**SECTION 917 SINGLE STACK VENT SYSTEM - Delete in its entirety.**

**SECTION 918 AIR ADMITTANCE VALVES – 918.1 General. – Amend as follows:**

**Add sub-paragraph 918.1.1 Connection. To read as follows:**

**918.1.1 Connection.** Air admittance valves may be used only with prior approval of the Code official.

**ARTICLE SEVENTEEN: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 10**  
**> TRAPS, INTERCEPTORS AND SEPARATORS > SECTION 1003 INTERCEPTORS**  
**AND SEPARATORS > Amend as follows:**

**1003.1 Where required. Amend to read as follows:**

**1003.1 Where required.** In addition to the requirements of this code, *properly sized* interceptors shall be required for cooking establishments, dumpsters serving cooking establishments and all three (3) basin sinks.

**1003.3 Grease interceptors. – 1003.5 Hydromechanical grease interceptors, fats, oils and greases disposal systems and automatic grease removal devices. - Paragraph 1003.3.5.1 Grease Interceptor Capacity. Amend to read as follows:**

**1003.3.5.1 Grease interceptor capacity.** Grease interceptors shall have the grease retention capacity indicated in Table 1003.3.5.1 for flow-through rates indicated. The minimum capacity requirement shall comply with Table 1003.3.5.1, unless designed by a qualified design professional licensed in the State of Alabama.

**TABLE 1003.3.5.1 GREASE INTERCEPTOR CAPACITY - Amend to read as follows:**

**TABLE 1003.3.5.1A CITY OF MOBILE APPROVED GREASE TRAP SIZING**  
**FORMULA**

**Note:** add 25 seats for each drive through

CODE	EXPLANATION
D	Total number of seats
MF	Meal Factor, based on establishment type and average time per meal 1.33 Fast Food/Cafeteria (45 min) 1.00 Restaurant (60 min) 0.67 Leisure Dining (90 min) 0.50 Dinner Club (120 min)
GL	Gallons of wastewater per meal 6 With dishwashing machine 5 Without dishwashing machine 2 Single service kitchen 1 Food Waste Disposal
RT	Retention time 2.5 Commercial kitchen 1.5 Single service kitchen
ST	Storage factor, based on hours of operation 1.0 Operation of 8 hours 1.5 Operation of 12 hours 2.0 Operation of 16 hours 2.5 Operation of 24 hours 1.5 Single service kitchen

- Notes:**
1. Minimum grease interceptor size, if connected to a septic tank system shall be determined by the Board of Health on site division.
  2. Minimum grease interceptor size, if connected to public sewer, shall be 1,000 gallons, unless designed by a qualified design professional, licensed in the State of Alabama. A letter from the engineer and owner(s) will be required.
  3. The minimum grease trap size required is the size as determined by the above formula. If this size, as determined by the formula, is less than 500 gallons, then the grease trap size shall be 500 gallons minimum, unless designed by a qualified design professional, licensed in the State of Alabama. The latter will require a letter from the engineer and business owner.
  4. The construction plans submitted with the permit application shall show the capacity of the grease interceptor and the above grease interceptor capacity formula with all formula code values identified.
  5. If there are no customers seats (carryout facility) use 25 for the number of seats. Add 25 seats to facilities that have a drive-thru, unless they have no seats. If the facility is a



church, hospital, nursing home, school or daycare, the calculation will be 3 gallons per meal served at meal time. For example, if a school has 2000 students they will need 6000-gals GT capacity (Per MAWSS).

**Add sub-paragraph 1003.3.5.3 Grease interceptor sizing. To read as follows:**

**1003.3.5.3 Grease interceptor sizing.** Grease trap (GT) size or grease interceptor (GI) capacity shall be determined by using the following formula and table:

$$D \times MF \times GL \times RT \times ST = \text{GT size (gallons)}$$

**\*\*\*For 3 basin sinks and interceptors other than ones intended for an entire cooking facility:**

Basin length (inches) x Width (inches) x Depth (inches) = Basin Cubic Inches

Basin Cubic Inches x Total number of Basins = Total Cubic Inches

Divide Total Cubic Inches by 231 = GPM

GPM x 0.75 = Adjusted GPM

GPM x 1 = Flow Rate Capacity (gpm.)

**\*\*\*The resulting GPM is the required flow rate to drain the sink in one minute**

**Add sub-paragraph 1003.3.5.4 Baffling Requirements for unmarked (no ASTM#) Grease Interceptors. To read as follows:**

**1003.3.5.4 Baffling Requirements for unmarked (no ASTM#) Grease interceptors.** All grease interceptors shall have a minimum of two (2) baffles. The nearest baffle from entry point of effluent shall allow flow under the baffle wall. The second baffle will allow flow over the top of baffle wall. Inlet tees shall have a drop pipe a min. of 12 inches long. Exit fittings (tees) shall have a drop pipe that extends to within 12 inches of bottom of tank. Suitable room for rodding must be allowed at top of each tee. All grease interceptors shall be accessible for pumping and cleaning with access covers at each end of trap.

**Add sub-paragraph 1003.3.5.5 Grease Interceptor Sampling Port. To read as follows:**

**1003.3.5.5 Grease Interceptor Sampling Port.** A clean out shall be installed immediately downstream of the grease interceptor for the purpose of acquiring grease interceptor effluent samples. The clean-out tee and the clean-out riser shall be one pipe size larger than the discharge piping serving the grease trap.

**ARTICLE EIGHTEEN: 2021 INTERNATIONAL PLUMBING CODE > CHAPTER 11 STORM DRAINAGE > Amend as follows:**

**SECTION 1101 GENERAL - Amend to read as follows:**

**Add Paragraph 1101. Storm Water Drain Ordinance. To read as follows:**

**1101. Storm Water Drain Ordinance.** This chapter is adopted for reference purposes only; Refer to the "Storm Water Management and Flood Control Ordinance" enforced by the City of Mobile Engineering Department.

**ARTICLE NINETEEN: Amend CHAPTER 12 SPECIAL PIPING AND STORAGE SYSTEMS to read as follows:**

**Chapter 12 Special Piping and Storage** – Delete in its entirety.

**ARTICLE TWENTY: Amend CHAPTER 14 SUBSURFACE GRAYWATER SOIL ABSORPTION SYSTEMS > SECTION 1401 GENERAL > 1401.1 Scope. > Amend as follows:**

**Add sub-paragraph 1401.1.1 Approval. To read as follows:**

**1401.1.1 Approval.** Chapter 14 may only be used with prior approval of the Code Official.

**ARTICLE TWENTY-ONE: SEPARATION CLAUSE.** If any section, subsection, sentence, clause, or phrase of this Code is for any reason held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this Code. The City Council of the City of Mobile hereby declares that it would have passed this Code and each section, subsection, clause, or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, or phrases be declared unconstitutional.

Adopted: NOV 08 2022

\_\_\_\_\_  
City Clerk

