When the code official issues the permit where construction documents are required, the construction documents shall be endorsed in writing and stamped "Reviewed for Code Compliance." Such approved construction documents shall not be changed, modified or altered without authorization from the code official. Work shall be done in accordance with the approved construction documents.

106.6.2, Fee schedule, is hereby amended by inserting the following for and in exchange of the words "jurisdiction to insert appropriate schedule":
Plumbing permit fees shall be established by resolution of the city council, no portion of which shall be refundable.

106.6.3, Fee refunds, is hereby deleted in its entirety.

108.4, Violation penalties, is hereby amended to read:
Any person, firm or corporation who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall install, alter or repair any plumbing system in violation of an approved plan or directive of the plumbing inspector, or of a permit or certificate issued under the provisions of this Code shall be guilty of a class C offense upon conviction.

108.5, Stop work orders, is hereby amended to read:
Any person, firm or corporation who shall continue any plumbing work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of a class C offense upon conviction.

Section 109, Board of Appeals, is deleted in its entirety and replaced with the following:

The Building Trades Board shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.

305.6.1, Sewer depth is hereby amended by inserting the ~~number six (6) inches (one hundred fifty-two (152) mm)~~ 12 inches (305 mm) for and in exchange of the word "number" at two (2) locations

312.1, Required tests is hereby amended to read:
The permit holder shall make the applicable tests prescribed in Sections 312.2 through 312.10 to determine compliance with the provisions of this code. The permit holder shall give reasonable advance notice to the code official when the plumbing work is ready for tests. The equipment, material, power and labor necessary for the inspection and test shall be furnished by the permit holder and the permit holder shall be responsible for determining that the work will withstand the test pressure prescribed in the following tests. All plumbing system piping shall be tested with either water or, for piping systems other than PVC or CPVC, by air. After the plumbing fixtures have been set and their traps filled with water, the entire drainage system shall be submitted to final tests. The code official shall require the removal of any cleanouts if necessary to ascertain whether the pressure has reached all parts of the system

312.2, Drainage and vent water test is hereby amended to read:
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 the point of overflow a minimum of 5 feet above the highest drainage fitting in the system. 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 a 5-foot (1524 mm) head of water above the highest drainage fitting under test. In testing successive sections, at least the upper 5-foot (1524 mm) of the next preceding section shall be tested so that no joint or pipe in the building drainage system, shall have been submitted to a test of less than a 5-foot (1524 mm) head of water. This pressure shall be held for at least 15 minutes. The system shall then be tight at all points.

312.6, Gravity sewer test, is hereby deleted in its entirety.

312.9, Shower liner test is hereby deleted in its entirety:

403.1, Minimum number of fixtures is hereby amended by the addition of 2 exceptions to read:
Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in Table 403.1. Types of occupancies not shown in Table 403.1 shall be considered individually by the code official. The number of occupants shall be determined by the International Building Code. Occupancy classification shall be determined in accordance with the International Building Code.

Exceptions:

1. Water fountains are not required in any occupancy.
2. Toilets, lavatories and service sinks shall not be required in S occupancy buildings used solely for storage when there are no accessory uses or mixed-uses in the building and the building is not heated.

403.2, Separate facilities is hereby amended to read:
Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for dwelling units and sleeping units.
2. Separate facilities shall not be required in structures or tenant spaces with a total occupancy load, including both employees and customers, of 15 or less.
3. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 100 or less.

403.3.1.1, Toilet room ingress and egress is hereby added to read:
Toilet rooms shall not open directly into a room used for the preparation of food for service to the public.

405.8, Slip joint connections is hereby amended to read:
Slip joints shall be made with an approved elastomeric gasket and shall only be installed from fixture outlet to fixture drain outlet seal. Fixtures with concealed slip-joint connections shall be provided with an access panel or utility space at least 12 inches (305 mm) in its smallest dimension or other approved arrangement so as to provide access to the slip joint connections for inspection and repair.

417.5.2.6, Liquid type, trowel applied, load bearing, bonded water proof materials is hereby added to read:
Liquid type, trowel applied, load bearing, bonded waterproof materials shall meet the requirements of ANSI A118.10 and shall be applied in accordance with the manufacturer's installation instructions.

504.4.1, Installation is hereby amended to read:
Such valves shall be installed in the shell of the water heater tank. Temperature relief valves shall be so located in the tank as to be actuated by the water in the top 6 inches (152 mm) of the tank served. For installations with separate storage tanks, the valves shall be installed on both the storage water heater and the storage tank(s) when the storage tank(s) has the ability to heat water. Otherwise the valves shall be installed on the storage tank. There shall not be any type of valve installed between the water heater and the storage tank. There shall not be a check valve or shutoff valve between a relief valve and the heater or tank served.

605.3. Water service pipe is hereby amended to read:
Water service pipe shall conform to NSF 61 and shall conform to one of the standards listed Table 605.3. All water service pipe or tubing, installed underground and outside of the structure, shall have a minimum working pressure rating of 160 pounds per square inch (1100 kPa) at 73.4 degrees Fahrenheit (23 degrees Celsius). Where the water pressure exceeds 160 pounds per square inch, (1100 kPa), piping materials shall have a minimum rated working pressure equal to the highest available pressure. Water service piping materials not third-party certified for water distribution shall terminate a minimum of 30 inches (762 mm) outside the structure at or before the full open valve located at the entrance to the structure. All ductile iron water service piping shall be cement mortar lined in accordance with AWWA C104.

802.1.8, Food utensils, dishes, pots and pans sinks.
Sinks used for the washing, rinsing or sanitizing of utensils, dishes, pots, pans or serviceware used in the preparation, serving or eating of food shall discharge indirectly through an air gap or an air break to the drainage system.

904.1, Roof extension, is amended by inserting the number "~~eight (8) inches (two hundred three (203) mm)~~ six (6) inches" for and in exchange of the word "number."

1002.2, Design of traps is hereby amended to read:
Fixture traps shall be self-scouring. Fixture traps shall not have interior partitions, except where such traps are integral with the fixture or where such traps are constructed of an approved material that is resistant to corrosion and degradation. Slip joints shall be made with an approved elastomeric gasket and shall be installed only from fixture outlet to fixture drain outlet seal.

1107.3, Sizing of secondary drains is hereby amended to read:
Secondary (emergency) roof drain systems or scuppers shall be sized in accordance with Section 1106 based on a rainfall rate of 10.2 inches per hour for a 5-minute duration. In sizing secondary roof drain systems using Tables 1106.2, 1106.3 and 1106.6, the Horizontally Projected Roof Area shall be determined by dividing the Horizontally Projected Roof Area for 1-inch rain fall per hour rate by 10.2 inches per hour. Secondary roof scuppers shall by designed in accordance with ASCE/SEI 7-05 Minimum Design Loads for Buildings and Other Structures, Chapter 8 C8-RAIN LOADS published by the American Society of Civil Engineers and Structural Engineering Institute. Scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by Section 1101.7. Scuppers shall not have an opening dimension of less than 4 inches (102 mm). The flow through the primary system shall not be considered when sizing the secondary roof drain system or scuppers.

SECTION 6: That the Stillwater City Code, Chapter 10, Buildings and Buildings Regulations, Article IX. Gas Standards, Sections 10-374, Adopted by reference, 10-375, Conflicts, interpretation and appeal, and 10-376, Deletions, modifications, amendments and insertions, be repealed and amended to read as follows:

ARTICLE IX. GAS STANDARDS

Sec. 10-374. Adopted by reference.

(a)There is hereby adopted by reference that certain code referred to as the International Fuel Gas Code, 200~~3~~ 9 edition, as published by the International Code Council, Inc., for the establishment of minimum accepted standards for the design, installation, maintenance, alteration and inspection of fuel gas systems including heating systems, ventilating systems, steam and hot water heating systems, water heating systems, boilers and pressure vessels, appliances utilizing gas, liquid or solid fuels, chimneys and vents. Each and all of the standards, regulations and requirements, save and except such portions are hereinafter deleted, modified or amended, as set out and specified in the International Fuel Gas Code, 200~~3~~ 9 edition, including appendix chapters A, B, C are hereby adopted, referred to, incorporated and made a part hereof as if fully set out at length herein.

(b)Not less than one copy of the International Fuel Gas Code, 200~~3~~ 9 edition, shall be on file in the office of the city clerk and open for public inspection during office hours.

Sec. 10-375. Conflicts, interpretation and appeal.

(a)In the event any provision of this article and/or any provision of the International Fuel Gas Code, 200~~3~~ 9 edition, conflict with or is inconsistent in any manner with any section of this Code or any codes adopted by reference therein, or parts thereof, the provisions of this article and the International Fuel Gas Code, 200~~3~~ 9 edition, shall supersede and take precedence over such portion or portions in conflict or inconsistent therewith, except in the following circumstances: if this article and/or any provision of the International Fuel Gas Code, 200~~3~~ 9 edition, conflicts with or is inconsistent in any manner with chapter 23, land development code, of this Code, chapter 23, land development code shall supersede and take precedence over such portion in conflict or inconsistent therewith; a further exception shall be where any section of this Code shall specifically state that it shall supersede and take precedence in the event of a conflict or inconsistency with the International Fuel Gas Code, 200~~3~~ 9 edition, as adopted or modified by this Code.

(b)Any person, firm or corporation shall have the right to appeal to the building trades board, created in section 10-21, an order, decision or determination of the building

official relative to the application and interpretation of this code or a notice or order issued under this code. An application for appeal shall be based on a claim that the true intent of the code, or the rules legally adopted thereunder, has been incorrectly interpreted, or the provisions of the code do not fully apply, or evidence that an equally good or better form of construction is proposed.

Sec. 10-376. Deletions, modifications, amendments and insertions.

The International Fuel Gas Code, 200~~3~~ 9 edition is hereby amended in the following aspects:

101.1, Jurisdiction, is hereby amended by inserting the words *"the City of Stillwater, Oklahoma"* for and in exchange of the words *"name of jurisdiction".*

103.1, General, is hereby deleted in its entirety and replaced with:
103.1 Creation of building safety division. The building safety division of the development services department is hereby created and the official in charge thereof shall be known as the building official. Wherever code official is referenced in this code, it shall mean the building official.

103.2, Appointment. The following shall be inserted into the end of this paragraph:
The chief appointing authority of the jurisdiction shall be the city manager.

103.3, Deputies, is hereby repealed and replaced to read:
The city manager shall appoint all employees within the building safety division and such employees shall have the powers as established by the city manager and/or as delegated by the building official.

~~*104.1, General, and 104.2, Rule making authority,* are hereby deleted in their entirety and replaced with:~~
~~"104.1 General. The building official is hereby authorized to enforce the provisions of this code. The building official shall have the authority and responsibility to identify and assess local conditions and prevailing building practices, to render interpretations of this code, and establish procedures to clarify the practical application of its provisions. Such interpretations and procedures shall be consistent with the intent of this code as it pertains to local conditions."~~

105.1, Modifications, is hereby repealed and replaced to read:
Literal compliance. Wherever there are practical difficulties involved in carrying out the provisions of this code, the building official shall have the authority to accept alternative or equivalent methods, processes, or materials in individual cases, upon application of the owner or owner's representative, provided the building official shall first find that existing circumstances make application of the strict letter of this code impractical and acceptance of an alternative or equivalent method, process, or material is consistent with the intent and purpose of this code and does not lessen health, accessibility, life or safety, or structural standards.

105.2, Alternative materials, design and methods of construction and equipment, is hereby repealed and replaced to read:
The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code. An alternative material, design or method of construction shall be approved where the building official finds that the proposed design is satisfactory and consistent with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

106.5.1, Approved construction documents is hereby amended to read:
When the code official issues the permit where construction documents are required, the construction documents shall be endorsed in writing and stamped "REVIEWED FOR CODE COMPLIANCE." Such approved construction documents shall not be changed, modified or altered without authorization from the code official. Work shall be done in accordance with the approved construction documents.

106.5.2, Fee schedule, is hereby amended by inserting the following for and in exchange of the words "jurisdiction to insert appropriate schedule":
Fuel gas piping permit fees shall be established by resolution of the city council, no portion of which shall be refundable.

106.5.3, Fee refunds, is hereby deleted in its entirety.

108.4, Violation penalties, is hereby amended to read:
Any person, firm or corporation who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall install, alter or repair any mechanical system in violation of an approved plan or directive of the code official or of a permit or certificate issued under the provisions of this Code shall be guilty of a Class C offense upon conviction.

108.5, Stop work orders, is hereby amended to read:
Any person, firm or corporation who shall continue any mechanical or fuel gas piping work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of a Class C offense upon conviction.

Section 109, Board of Appeals, is deleted in its entirety and replaced with the following:

The Building Trades Board shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.

305.3, Elevation of ignition is hereby amended by deleting the exception.

306.5, Equipment and Appliances on roofs or elevated structures, ~~is hereby amended by deleting the second paragraph including numbers one through seven and replaced to read~~ numbers 2 and 3 are hereby amended to read;

~~"Permanent ladders installed to provide the required access shall comply with OSHA standard 1910.27 for fixed ladders or successor registration."~~

2. Ladders shall have rung spacing not to exceed 12 inches (305 mm) on center.
3. Ladders shall have a toe spacing not less than 7 inches (178 mm) deep.

307.2.1, Condensate drains is hereby added to read:
Where condensing appliances are in locations subject to freezing conditions, the condensate drain line must be protected from freezing in an approved manner and in accordance with manufacturer installation instructions.

308.1, Scope is hereby amended to read:
This section shall govern the reduction in required clearances to combustible materials, including gypsum board, and combustible assemblies for chimneys, vents, appliances, devices and equipment. Clearance requirements for air-conditioning equipment and central heating boilers and furnaces shall comply with Section 308.3 and 308.4.

~~*309.2, Electrical,* is hereby amended by adding a paragraph to read:~~
~~"All reference to the International Electrical Code or ICC Electrical Code within this code shall be construed to reference the National Electrical Code as published by the National Fire Protection Association as adopted in chapter 10 of this Code."~~

310.1.1, CSST is hereby amended to read:
Corrugated stainless steel tubing (CSST) gas piping systems shall be bonded to the electrical service grounding electrode system at an accessible location upstream of any CSST pipe and as close as practical to the point where the gas service enters the building. The bonding jumper shall be not smaller than 6 AWG copper wire.
Exception: Special corrugated stainless steel gas products or systems that have been designed, manufactured and listed for installation without direct bonding shall be permitted to be installed in accordance with the manufacturer's installation instructions.

404.10, Minimum burial depth is hereby amended to read:.
Underground piping systems shall be installed a minimum depth of ~~12~~ 18 inches (457 mm) below grade, except as provided for in Section 404.10.1.
Exception: Where a minimum depth of 18 inches (457 mm) of cover cannot be provided, the pipe shall be installed in conduit or bridged (shielded).

404.10.2, *Separation of gas piping from other piping systems* is hereby added to read:
Gas pipe and any other piping systems shall be separated by 18 inches (457 mm) of undisturbed or compacted earth.

404.16, Prohibited devices is hereby amended by adding an exception to read:
Exception 2. An approved fitting or device where the gas piping system has been sized to accommodate the pressure drop of the fitting or device.

406.4.1, Test pressure is hereby amended to read:
The test pressure to be used shall be no less than 1 1/2 times the proposed maximum working pressure, but not less than 15 psig irrespective of design pressure. Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

406.4.2, Test duration is hereby amended to read:
Test duration shall be not less than 1/2 hour for each 500 cubic feet (14 m3) of pipe volume or additional fraction thereof. When testing a system having a volume less than 500 cubic feet (0.28m3) or a system in a single-family dwelling, the test duration shall be not less than 15 minutes. The duration of the test shall not be required to exceed 24 hours.

406.7, Purging is amended to read:
The purging of piping shall be in accordance with Sections 406.7.1 through 406.7.3

406.7.1 Piping systems required to be purged outdoors. The purging of piping systems shall be in accordance with the provisions of Sections 406.7.1.1 through 406.7.1.4 where the piping system meets either of the following:

1. The design operating gas pressure is greater than 2 psig (13.79 kPa).
2. The piping being purged contains one or more sections of pipe or tubing meeting the size and length criteria of Table 406.7.1.1

406.7.1.1 Removal from service. Where existing gas piping is opened, the section that is opened shall be isolated from the gas supply and the line pressure vented in accordance with *406.7.1.3.* Where gas piping meeting the criteria of Table 406.7.1 is removed from service, the residual fuel gas in the piping shall be displaced with an inert gas.

406.7.1.2 Placing in operation. Where gas piping contains air and meeting the criteria of Table 406.7.1.1 is placed in operation, the air in the piping shall first be displaced with an inert gas. The inert gas shall then be displaced with fuel gas in accordance with Section 406.7.1.3.

406.7.1.3 Outdoor discharge of purged gases. The open end of a piping system being pressure vented or purged shall discharge directly to an outdoor location. Purging operations shall comply with all of the following requirements:

1. The point of discharge shall be controlled with a shutoff valve.
2. The point of discharge shall be located at least 10 feet (3048 mm) from sources of ignition, at least 10 feet (3048 mm) from building openings and at least 25 feet (7620 mm) from mechanical air intake openings.
3. During discharge, the open point of discharge shall be continuously attended and monitored with a combustion gas indicator that complies with Section 406.7.1.4.
4. Purging operations introducing fuel gas shall be stopped when 90 percent fuel gas by volume is detected within the pipe.
5. Persons not involved in the purging operations shall be evacuated from all areas within 10 feet (3048 mm) of point of discharge.

406.7.1.4 Combustion gas indicator. Combustion gas indicators shall be listed and shall be calibrated in accordance with the manufacturer's instructions. Combustion gas indicators shall numerically display a volume scale from zero percent to 100 percent in 1 percent or smaller increments.

406.7.2 Piping systems allowed to be purged indoors or outdoors. The purging of piping systems shall be in accordance with the provisions of Section 406.7.2.1 where the piping system meets both of the following:

1. The design operating gas pressure is 2 psig (13.79 kPa) or less.
2. The piping being purged is constructed entirely from pipe or tubing not meeting the size and length criteria of Table 406.7.1.1

406.7.2.1 Purging Procedure. The piping system shall be purged in accordance with one or more of the following:

1. The piping shall be purged with fuel gas and shall discharge to the outdoors.
2. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through an appliance burner not located in a combustion chamber. Such burner shall be provided with a continuous source of ignition.
3. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through a burner that has a continuous source of ignition and that is designed for such purpose.
4. The piping shall be purged with fuel gas that is discharged to the indoor or outdoors, and the point of discharge shall be monitored with a listed combustible gas detector in accordance with Section 406.7.2.2. Purging shall be stopped when fuel gas is detected.
5. The piping shall be purged by the gas supplier in accordance with written procedures.

406.7.2.2 Combustible gas detector. Combustible gas detectors shall be listed and shall be calibrated or tested in accordance with the manufacturer's instructions. Combustible gas detectors shall be capable of indicating the presence of fuel gas.

406.7.3 Purging appliances and equipment. After the piping system has been placed in operation, appliances and equipment shall be purged before being placed into operation.

SECTION 7: That the Stillwater City Code, Chapter 10, Buildings and Buildings Regulations, Article X. Mechanical Standards, Sections 10-396, Adopted by reference, 10-397, Conflicts, interpretation and appeal, and 10-398, Deletions, modifications, amendments and insertions, be repealed and amended to read as follows:

ARTICLE X. MECHANICAL STANDARDS

Sec. 10-396. Adopted by reference.

(a) There is hereby adopted by reference that certain code referred to as the International Mechanical Code, 200~~3~~ 9 edition, as published by the International Code Council, Inc., for the establishment of minimum accepted standards for the design, installation, maintenance, alteration and inspection of mechanical systems including heating systems, ventilating systems, steam and hot water heating systems, water heating systems, boilers and pressure vessels, appliances utilizing gas, liquid or solid fuels, chimneys and vents. Each and all of the standards, regulations and requirements, save and except such portions as are hereinafter deleted, modified or amended, as set out and specified in the International Mechanical Code, 200~~3~~ 9 edition, are hereby adopted, referred to, incorporated and made a part hereof as if fully set out at length herein.

(b) Not less than one copy of the International Mechanical Code, 200~~3~~ 9 edition, shall be on file in the office of the city clerk and open for public inspection during office hours.

Sec. 10-397. Conflicts, interpretation and appeal.

(a) In the event any provision of this article and/or any provision of the International Mechanical Code, 200~~3~~ 9 edition, conflict with or is inconsistent in any manner with any section of this Code or any codes adopted by reference therein, or parts thereof, the provisions of this article and the International Mechanical Code, 200~~3~~ 9 edition, shall supersede and take precedence over such portion or portions in conflict or inconsistent therewith, except in the following circumstances: if this article and/or any provision of the International Mechanical Code, 200~~3~~ 9 edition, conflicts with or is inconsistent in any manner with chapter 23, land development code, of this Code, chapter 23, the land development code, shall supersede and take precedence over such portion or portions in conflict or inconsistent therewith; a further exception shall be where any section of this Code shall specifically state that it shall supersede and take precedence in the event of a conflict or inconsistency with the International Mechanical Code, 200~~3~~ 9 edition, as adopted or modified by this Code.

(b) Any person, firm or corporation shall have the right to appeal to the building trades board, created in section 10-21, an order, decision or determination of the building official relative to the application and interpretation of this code or a notice or order

issued under this code. An application for appeal shall be based on a claim that the true intent of the code, or the rules legally adopted thereunder, has been incorrectly interpreted, or the provisions of this code do not fully apply, or evidence that an equally good or better form of construction is proposed.

Sec. 10-398. Deletions, modifications, amendments and insertions.

The International Mechanical Code, 200~~3~~ 9 edition is hereby amended in the following aspects:

101.1, Jurisdiction, is hereby amended by inserting the words *"the City of Stillwater, Oklahoma"* for and in exchange of the words *"name of jurisdiction."*

103.1, General, is hereby deleted in its entirety and replaced with:
103.1 Creation of building safety division. The building safety division of the development services department is hereby created and the official in charge thereof shall be known as the building official. Wherever code official is referenced in this code, it shall mean the building official.

103.2, Appointment. The following shall be inserted into the end of this paragraph:
The chief appointing authority of the jurisdiction shall be the city manager.

103.3, Deputies is hereby repealed and replaced to read:
The city manager shall appoint all employees within the building safety division and such employees shall have the powers as established by the city manager and/or as delegated by the building official.

~~*104.1, General and 104.2, Rule making authority,* are hereby deleted in their entirety and replaced with:~~
~~"104.1 General. The building official is hereby authorized to enforce the provisions of this code. The building official shall have the authority and responsibility to identify and assess local conditions and prevailing building practices, to render interpretations of this code, and establish procedures to clarify the practical application of its provisions. Such interpretations and procedures shall be consistent with the intent of this code as it pertains to local conditions."~~

105.1, Modifications, is hereby repealed and replaced to read:
Literal compliance: Wherever there are practical difficulties involved in carrying out the provisions of this code, the building official shall have the authority to accept alternative or equivalent methods, processes, or materials in individual cases, upon application of the owner or owner's representative, provided the building official shall first find that existing circumstances make application of the strict letter of this code impractical and acceptance of an alternative or equivalent method, process, or material is consistent with the intent and purpose of this code and does not lessen health, accessibility, life or safety, or structural standards.

105.2, Alternative materials, design and methods of construction and equipment is hereby repealed and replaced to read:
The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code. An alternative material, design or method of construction shall be approved where the building official finds that the proposed design is satisfactory and consistent with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

106.5.1, Approved construction documents is hereby amended to read:
When the code official issues the permit where construction documents are required, the construction documents shall be endorsed in writing and stamped "Reviewed for Code Compliance." Such approved construction documents shall not be changed, modified or altered without authorization from the code official. Work shall be done in accordance with the approved construction documents.

106.5.2, Fee schedule is hereby amended by inserting the following for and in exchange of the words "jurisdiction to insert appropriate schedule":
Mechanical permit fees shall be established by resolution of the city council, no portion of which shall be refundable.

106.5.3, Fee refunds, is hereby deleted in its entirety.

108.4, Violation penalties, is hereby amended to read:
Any person who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall install, alter or repair any mechanical system in violation of an approved plan or directive of the code official, or of a permit or certificate issued under the provisions of this Code, shall be guilty of a Class C offense upon conviction."

108.5, Stop work orders, is hereby amended to read:
Any person, firm or corporation who shall continue any mechanical work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of a Class C offense upon conviction.

Section 109, Board of Appeals, is deleted in its entirety and replaced with the following:

The Building Trades Board shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.

202, Definition of Commercial Cooking Appliance is hereby amended to read:
Appliances used in a commercial food service establishment for heating or cooking food and which produce grease vapors, steam, fumes, smoke or odors that are required to be removed through a local ventilation system. Such appliances include deep fat fryers; upright broilers; griddles; broilers; steam-jacketed kettles; hot-top ranges; under-fired broilers (charbroilers); ovens; barbeques; rotisseries; and similar appliances. For the purpose of this definition, a food service establishment shall include any building or a portion thereof used for the preparation and serving of food that is not a kitchen in a single-family dwelling unit or apartment.

~~*301.7, Electrical,* is hereby amended by adding a paragraph to read:~~
~~"All reference to the International Electrical Code or ICC Electrical Code within this code shall be construed to reference the National Electrical Code as published by the National Fire Protection Association as adopted in chapter 10 of the Stillwater City Code.~~

301.12, Wind resistance is hereby amended to read:
Mechanical equipment, appliances and supports that are exposed to wind shall be designed and installed to resist the wind pressures determined in accordance with the International Building Code, SMACNA HVAC Duct Construction Standards - Metal and Flexible, or other approved methods.

306.5, Equipment and Appliances on roofs or elevated structures, ~~is hereby amended by deleting the second paragraph including numbers one through seven and replaced to read~~ numbers 2 and 3 are hereby amended to read;

~~"Permanent ladders installed to provide the required access shall comply with OSHA standard 1910.27 for fixed ladders or successor registration."~~

2. Ladders shall have rung spacing not to exceed 12 inches (305 mm) on center.
3. Ladders shall have a toe spacing not less than 7 inches (178 mm) deep.

507.2.1, Type I hoods is hereby amended to add an exception to read:
Type I hoods shall be installed where cooking appliances produce grease or smoke. Type I hoods shall be installed over medium-duty, heavy-duty, and extra-heavy-duty cooking appliances. Type I hoods shall be installed over light-duty cooking appliances that produce grease or smoke.
Exception: Type II hoods shall be permitted to be installed over medium-duty cooking appliances, ranges and ovens that the code official has determined will not produce appreciable amounts of grease and/or smoke. Where cooking appliances, ranges and/or ovens have been approved by the code official for installation under a Type II hood, a sign shall be placed on the wall in close proximity to the hood that reads, "Absolutely No Frying or Grease-Type Cooking Permitted."

514.1, General, is hereby amended to read:
When installed, energy recovery ventilation systems shall be installed in accordance with this section.

604.1, General is hereby amended to read:
Duct insulation shall conform to the requirements of Sections 604.2 through 604.13, the