

ORDINANCE NO. 221

AN ORDINANCE OF THE CITY OF MIAMI BEACH, FLORIDA, PRESCRIBING RULES AND REGULATIONS AS TO PLUMBING WORK; THE INSTALLATION OF PLUMBING; THE BUILDING OR INSTALLING OF SEPTIC TANKS; PROVIDING FOR THE GRANTING OF A PERMIT, PERMITTING PLUMBING; PROVIDING FOR FEES FOR SUCH PERMITS; PROVIDING FOR AN EXAMINING BOARD TO EXAMINE PERSONS AS TO THEIR QUALIFICATIONS AS PLUMBERS; FIXING THE QUALIFICATIONS OF PERSONS WHO MAY ENGAGE IN THE PLUMBING BUSINESS OR TRADE IN SAID CITY; PROVIDING FOR A PLUMBING INSPECTOR FOR SAID CITY; MAKING PROVISIONS WITH REFERENCE TO MERCHANT PLUMBERS AND PROVIDING FOR A PENALTY FOR THE VIOLATION OF THIS ORDINANCE.

SECTION 1.  
PLUMBING PERMITS.

No person, as principal, agent, manager, or employee, shall place or install or cause or permit to be placed or installed, any plumbing including pipes, connections, fixtures, apparatus and all other plumbing work of any kind whatsoever; or make, or cause or permit to be made, any alterations, change in, addition to or repair of any such plumbing in the City of Miami Beach, without first obtaining a written permit for such plumbing work from the Plumbing Inspector of the City of Miami Beach. Such permit shall be denominated a "Plumbing Permit" and shall contain a description of the work to be done thereunder and a statement of the place, by street and number or by description sufficient to locate the same, where such work is to be done. Plumbing permits shall be granted upon written applications therefor to the Plumbing Inspector. The Plumbing Inspector shall investigate such application, and applicants for plumbing permits shall furnish proof that applications for the introduction of a supply of water into any premises or for the extension of pipe for the conveyance of such water has been made in writing on the contract form furnished by the Water Department of the City of Miami Beach; and shall furnish drawings, specifications, plans and details of such contemplated work, when required by the Plumbing Inspector. If the Plumbing Inspector, after investigation, is satisfied that the work desired can be done without violating any of the provisions of this ordinance or of any other ordinance or law governing such work in the City of Miami Beach; and that the applicant



therefor is duly licensed to do plumbing in the City of Miami Beach, he shall issue a plumbing permit to such applicant, upon payment of the fees therefor. The issuance of a plumbing permit shall not be construed as an approval by the Plumbing Inspector of the drawings, specifications, plans or details or such contemplated work insofar as the same, or any portion thereof, may be in conflict with the provisions of this ordinance or any other ordinance or law governing such work in the City of Miami Beach.

The holder of a plumbing permit shall not do or perform, or cause or permit to be done or performed, any work other than that designated in such plumbing permit at the place mentioned therein; and shall not do or perform, or cause or permit to be done or performed any work designated in such plumbing permit at any place other than that designated therein.

In case any plumbing is desired in the construction, alteration, or repair of any building or structure requiring building permit, no plumbing permit shall be issued until after a building permit for such building or structure shall have been previously issued. No plumbing permit shall be issued for repairing leaks in drain, soil, waste or vent pipe but should any trap, drain, soil pipe, waste or vent pipe become so defective as to require removal or replacement with new material, in whole or in part, or should any toilet, wash basin, laundry tray, sink, slop sink, slop hopper or any other fixture be taken up or reset, or be replaced with a new fixture, a plumbing permit must first be procured therefor. No person, as principal, agent, manager or employee, shall put in or cause or permit to be put in any septic tank in the City of Miami Beach without having first obtained from the Plumbing Inspector a plumbing permit therefor.

Such plumbing permit for a septic tank shall be issued as hereinbefore provided, except that the applicant therefor will not be required to have a license as required for other plumbing permits.



**SECTION II**  
**FEEES FOR PLUMBING PERMITS**

There shall be charged and collected by the City Clerk, on certification by the Plumbing Inspector, an inspection fee of fifty (50) cents for each fixture in new and reconstructed plumbing work, before the issuance of a permit, which said fee shall be placed to the credit of the General Fund of the City of Miami Beach.

**SECTION III**  
**PENAL COSTS**

Any person, as principal, agent, manager, or employees, commencing or doing any plumbing work for which plumbing permit is required, without first obtaining a plumbing permit therefor, shall pay double the fee herein provided for a plumbing permit authorizing such work; provided that a double shall not be charged in cases of emergency work necessary to be done in order to prevent material injury or damage to property and provided that the issuance of a permit upon payment of such double fee shall not be a defense to a prosecution for a violation of any of the provisions of this ordinance.

**SECTION IV**  
**PERMIT RECORDS**

The Plumbing Inspector shall keep, in proper books for that purpose, a true and correct account of all plumbing fees received, the name or person paying the same, the date and amount of each payment; which said book shall be kept open for public inspection during office hours ; and the Plumbing Inspector shall check over with the City Clerk, at the end of each calendar week, the plumbing fees record of such week.

**SECTION V**  
**NOTICE TO PLUMBING INSPECTOR**

All plumbing work done shall be subject to inspection and notice shall be given to the plumbing inspector by the person, firm or corporation doing such plumbing work or having same done, as soon as the



work is ready for inspection. Such notices shall be given for inspection of both the rough and finished work. The person, firm, or corporation doing such plumbing work shall secure a certificate from the Plumbing Inspector, showing the result of such inspection and shall deliver the said certificate to the owner of the premises, on which the same is done, or to the authorized representative of such owner.

SECTION VI.  
WORK UNCOVERED

All plumbing work shall be left uncovered and convenient for examination until inspected and approved by the Plumbing Inspector. Floors shall be left up in bath-rooms and elsewhere above the plumbing, where there is less than twenty-inches of space between the floor and joist and the ground, until the plumbing pipes and other plumbing work shall have been examined, tested and approved by the Plumbing Inspector.

SECTION VII  
TIME FOR INSPECTION

Inspection of plumbing shall be made within forty-eight (48) hours after notice that the same is ready for inspection shall have been received by the Plumbing Inspector.

SECTION VIII.  
TESTS

The Plumbing Inspector may apply the water test on all new plumbing work.

SECTION IX.  
OCCUPANCY

Where water is introduced into any building a stop-cock must be placed so that water may be shut off from the whole building and yard hydrants, without closing the curb-cock.

No person shall occupy, or make use of any house, building or other structure in which plumbing has been installed or constructed,



until after the Plumbing Inspector shall have issued a final certificate and approval of the plumbing work therein, or in connection therewith.

**SECTION X.**  
**EXAMINATION.**

No person, as principal, agent, manager or employee, shall conduct, manage or carry on the trade, business or calling of a master plumber, or work as a journeyman plumber, or do any plumbing work of any kind or description in the City of Miami Beach, for which a plumbing permit is required, without first having submitted to a practical examination before and obtaining from the examining board of plumbers of the City of Miami Beach a certificate of competency, showing such person to have sufficient practical experience and sufficient knowledge to do plumbing work. Any master plumber or journeyman plumber, who fails to pass examination, will not be allowed to appear before the board for further examination until the expiration of a period of thirty days from the date of such examination.

**SECTION XI.**  
**EXAMINING BOARD**

The Examining Board of Plumbers of the City of Miami Beach shall consist of the Sanitary Committeeman, two master plumbers and two journeyman plumbers. The personnel of the Examining Board of Plumbers of the City of Miami Beach shall be appointed by the Mayor, which appointments shall be approved by the City Council and shall serve during the pleasure of the Legislative Body of the City of Miami Beach, and shall qualify by subscribing to the oath of office required by the Charter of the City of Miami Beach.

Each member of the Examining Board, attending, shall receive a fee of fifty cents for each applicant examined. Such fee to be paid out of the funds of the City of Miami Beach. The City of Miami



Beach shall provide the Examining Board with the necessary forms, books, blanks, tools and materials to properly conduct the examinations.

**SECTION XII**  
**EXAMINATION FEES**

The fee for examination by said Examining Board of Plumbers shall be Ten (10) Dollars for each master plumber and Five (5) Dollars for each journeyman plumber, for the first examination, payable in advance to the secretary of the said board, and no fee shall be charged for renewal of certificates and said fees collected by the Examining Board shall be paid to the City Clerk on the first day of each calendar month.

**SECTION XIII**  
**MASTER PLUMBER**

For the purpose of this ordinance, a master plumber shall be deemed to be the person engaged in or carrying on the business of plumbing or doing the plumbing work.

**SECTION XIV**  
**JOURNEYMAN PLUMBER**

For the purpose of this ordinance, a journeyman plumber shall be deemed to be any person who is employed to do plumbing work for wages or salary, but who does not furnish any materials or supplies in the execution or performance of the plumbing work.

**SECTION XV**  
**APPRENTICE**

For the purpose of this ordinance, an apprentice shall be deemed to be any person doing plumbing work under the direct supervision and in the presence of a certified master plumber or a certified journeyman plumber, and such apprentice is required to have a permit from the said Examining Board of Plumbers to do such plumbing work.

**SECTION XVI**  
**CERTIFICATES**

The Examining Board of Plumbers shall give an examination to



every applicant for a certificate to do plumbing work in the City of Miami Beach within two weeks after the filing of the application therefor and the payment of the fee incident thereto; and every applicant passing such examination to the satisfaction of the Examining Board shall receive from said board a certificate of competency as a master plumber or a journeyman plumber, in accordance with his application; and such certificate of competency shall authorize the holder thereof to do plumbing work in the City of Miami Beach until the Thirty-first day of October next succeeding the date thereof.

SECTION XVII.  
CERTIFICATE OF RENEWALS.

All certificates issued by the Examining Board of Plumbers shall expire on the last day of October of each year, unless sooner revoked. Every master or journeyman plumber, holding a certificate of competency issued by said Examining Board of Plumbers, may, during the month of October of each year, make application for extension of such certificate of competency for an additional year and said Examining Board of Plumbers, if satisfied that the holder of such certificate of competency is competent to do plumbing work, shall grant an extension of such certificate of competency for an additional year without examination. No plumber failing to make such application and to obtain such extended certificate of competency, during said time, shall do any plumbing work in the City of Miami Beach, after the expiration of the certificate of competency then held, without taking the examination and paying the full fee herein provided for persons originally desiring to do plumbing work in the City of Miami Beach.

SECTION XVIII.  
AGE LIMIT

No person shall receive a certificate of competency as a master plumber who has not attained the age of twenty-one (21) and who has not taken out the required occupational license in the City of Miami Beach, Florida.

SECTION XIX.  
REGISTRATION



The Plumbing Inspector shall prepare and keep a register, showing the name and address of every person, firm or corporation, together with the names of the members of such firm and the officers of such corporation and their addresses, carrying on the business of a merchant plumber or a plumbing business in the City of Miami Beach, showing the name and address of every master plumber, every journeyman plumber, and every plumber's apprentice licensed or permitted to do plumbing in the City of Miami Beach; and shall keep said Register up to date by the endorsement of all changes therein and additions thereto.

SECTION XX.  
SEWER CONNECTIONS

Every building or other structure, in or for which any drainage or plumbing arrangements are constructed, shall first be inspected and approved by the Plumbing Inspector before any such building or structure shall be connected with an accepted city sewer or septic tank; when said sewer is constructed along the street, avenue or alley adjacent to the property upon which such building or structure is situated or in close proximity thereto, then such building or structure shall have at least one four inch vent as provided for in this ordinance and all other fixtures in such building or structure shall be vented.

SECTION XXI.  
SEPTIC TANKS

When any building or other structure, in or for which any drainage or plumbing arrangements are constructed, is not situated so as to require connection to a city sewer, then such drainage or plumbing arrangements shall be connected with a septic tank. Such septic tank shall not be located less than five feet from any property line or less than ten feet from any dwelling, except when it is impossible to



maintain these distances, then the Plumbing Inspector may issue a permit for a septic tank at a less distance from property lines and dwellings, provided the same shall not be detrimental to health or unsanitary.

SECTION XXII.  
SOIL AND WASTE PIPES

All soil, waste and vent to a point (2) two feet outside of the foundation line shall be of tar coated cast iron, lead or brass, provided that galvanized iron pipe and recessed drainage fittings may be used with the consent and permission of the Plumbing Inspector.

Waste pipes from Refrigerators may be of galvanized iron pipe.

No soil, drain, waste or vent pipe shall be built into masonry or concrete walls, suitable chases shall be provided for them.

SECTION XXIII.  
VENTS

All vent pipes shall be extended up to and thru roof and shall terminate at a point not less than (1) one foot above the highest opening on the roof when located not less than (10) ten feet from such vent terminal.

Vent pipes which terminate on roof used for other purposes than as a covering for a building shall be extended at least (7) seven feet above the finished roof or walk.

No vent shall terminate less than (12) twelve feet from the ground nor less than (10) ten feet from any opening of a building.

SECTION XXIV.  
CAST IRON PIPE

All materials used in any part of a plumbing system shall be free from defects of any kind and shall be of the following quality and weight.

Waste and soil pipe and fittings in any building not exceeding (50) fifty feet in height above the curb shall be of "Standard"



weight and quality. In buildings in excess of (50) fifty feet in height, all waste and soil pipe and fittings up to a point (50) fifty feet from roof shall be of Extra Heavy quality and weight.

In case of a building or other structure being built or moved over an old sewer, such sewer shall be relaid with cast iron pipe of the same size as the old sewer. All terra cotta sewer in any building or other structure shall be replaced or repaired with cast iron pipe.

SECTION XXV.  
TRAPS

All traps shall be effectively vented with an air pipe of a diameter not less than that of such trap, except in case of a trap larger than two inches in diameter, in which case the air pipe shall not be less than two inches in diameter, provided that a single pipe may be used to vent two traps through the same fitting when such fitting has effective means to prevent the drainage from one trap entering the other trap and is made of one piece of metal without loose or attached parts.

SECTION XXVI.  
PROHIBITED VENTS

No brick, sheet metal, earthenware or chimney flue shall be used as a sewer ventilator to ventilate any trap, drain, soil or waste pipe.

SECTION XXVII.  
CELLAR DRAINS AND SHOWERS

Cellar drains and showers in basements and in yards, directly connected with the soil or waste pipe, shall be trapped by a sand trap of not less than 12"x 12"x 12" and constructed of concrete. The walls and floor of every such trap shall be not less than three inches thick and each trap shall have a cast iron frame and grate cover. The water seal of such trap shall be constructed by inverting its waste pipe. A water seal of less than four inches is prohibited and the minimum



size of the wastepipe shall be four inches where trap is not vented.

SECTION XXVIII  
CLOSETS, SINKS, ETC.

Each fixture shall be separately trapped, and ventilated as follows:

Minor fixtures shall be separately ventilated not more than five (5) feet from crown of trap.

Major fixtures shall be separately ventilated not more than three (3) feet in a horizontal and two (2) feet in a vertical direction from the outlet of a fixture.

An extension of six (6) feet shall be permitted from the fixture side of laundry tray trap, all other traps shall be placed as close as possible to the fixture.

The minimum size trap for each fixture shall be as follows:

	<u>Trap</u>	<u>Branch</u>	<u>Vent</u>
Water Closet	4"	4"	2"
Slop sink integral trap	3"	3"	2"
Soda fountain catch basin	2"	2"	2"
Urinal trough and stall	2"	2"	2"
Laundry tray	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
Kitchen sink	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
Bath tub	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
Lavatory	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "

Maximum number of traps allowed to be served by any main vent pipe. The number of traps permitted under the following table shall be traps not less than two inches in diameter, and all larger traps shall be figured as multiple traps in the following equivalents:

- One trap 4" diameter or over equal to five (5) traps.
- One trap 3" diameter equal to four (4) traps.
- One trap 2 $\frac{1}{2}$ " diameter equal to three (3) traps.
- One trap 2" diameter equal to two (2) traps.
- Each water closet trap equal to four (4) traps.
- Each urinal trap equal to four (4) traps.
- Each trap less than two (2") inches diameter equal to one (1) trap.

Maximum number of traps (as foregoing equation) permitted on:

- 1 $\frac{1}{4}$  inch main vent one (1) trap.
- 1 $\frac{1}{2}$  inch main vent three (3) traps.
- 2 inch main vent twenty four (24) traps.
- 2 $\frac{1}{2}$  inch main vent thirty (30) traps.



- 3 inch main vent sixty (60) traps.
- 3½ inch main vent one hundred fifty (150) traps.
- 4 inch main vent two hundred (200) traps.
- 5 inch main vent three hundred fifty (350) traps.
- 6 inch main vent five hundred fifty (550) traps.

Where necessary to increase the size of a soil or vent stack, the largest size shall be extended throughout, and if a main-vent stack it shall be taken off the foot of the soil or waste stack and if over forty (40) feet in length carried through the roof independent of the main soil or waste stack, providing that waste vent stack need not be increased throughout.

Maximum number of fixtures or their equivalent traps allowed to discharge into a waste or soil pipe of specified size.

- 1¼ inch pipe -- 1¼ inch trap.
- 1½ inch pipe -- 1½ inch sink trap or three other minor fixture traps not over 1½ inches.
- 2 inch pipe -- twelve traps 1½ inch or less or six 2 inch traps, provided that only one urinal trap shall be permitted.
- 3 inch pipe -- sixty minor fixture traps.  
Soil pipes or soil and waste combined.
- 3 inch pipe -- eight minor and two major fixture traps.

In the following table the maximum number of minor fixture traps are to be figured at the ratio of four minor to one major fixture trap.

- 4 inch pipe -- eighty (80) traps.
- 5 inch pipe -- one hundred eighty (180) traps.
- 6 inch pipe -- three hundred sixty (360) traps.
- 7 inch pipe -- six hundred thirty (630) traps.
- 8 inch pipe -- One thousand fifty (1050) traps.

Continuous or wet vent system: wherever practicable, plumbing shall be put in on the continuous or wet vent system as follows:

The revent shall be taken out of the waste pipe between the stack and the fixture, and as many waste branches, the combined area of which does not exceed the area of said revent, may be connected under the same conditions governing the combined wastes and vents, provided that in a sink or urinal waste the revent shall be not less than three inches, but may be reduced to two inches after rising above the sink or urinal, said revent shall then be connected with stack above all fixtures, or into a separate vent stack, or be carried through the roof separately.



Each vent pipe shall be connected above the highest fixture into the adjacent soil pipe if distant therefrom not more than five feet.

No vent shall be extended through the roof smaller than two inches.

**SECTION XXIX.**  
**PLUMBING DETAILS**

The Plumbing Inspector, in approving plans or in accepting work of any and all persons carrying on, conducting, assuming control of, constructing or causing to be constructed any plumbing or building or other structure drainage affecting the sanitary condition of any building or other structure in the City of Miami Beach, shall be governed by the following regulations, and it shall be unlawful for any person to fail, neglect or refuse to comply with the same or any part thereof, upon reasonable notice, in writing, from the Plumbing Inspector so to do.

(A.) Toilets. No water closet shall be put into or upon any property, building or other structure unless the same be so constructed as to be flushed by a tank containing not less than four gallons of water, on some approved flushing valve, Plunger closets, Philadelphia Hoppers, pen closets, front washout closets and other unsanitary closets shall not be installed in the City of Miami Beach. Cell bowls shall be made to syphon.

(B.) TOP FIXTURES.- A fixture that is a top fixture on a vertical stack and not more than three feet from the inlet to the stack, need not have its traps revented; provided it does not discharge into the stack below the level of its seal, except water-closets whose trap is in the bowl. All other traps shall be set true to their water seals.

(C.) WASTE PIPES - Every soil or waste pipe under or inside of any building or other structure shall be of cast iron, lead or brass. All joints in cast iron waste pipes, whether inside or



outside of the building line of such buildings or structures, shall be made of pig lead and oakum and shall be thoroughly caulked, No cement of any description shall be used in connection with any cast iron, lead, brass or galvanized iron pipe. Galvanized wrought iron pipes and fittings, known as the Durham System, shall not be used below the first floor of any building or structure, or in the ground except in perpendicular waste lines. All cast iron soil pipes inside of property lines must be laid by a licensed plumber.

(D). ROUGH TEST - Before fixtures are placed in connection with the plumbing of any building or structure, and before any portion of the drainage system of any building or structure is covered or concealed from view, the outlet from the soil pipe and all openings therein below the top shall be hermetically sealed and the pipe shall then be filled with water to the highest point in the system. Cell pipes and fittings shown to be defective shall be removed and replaced with sound pipes and fittings. Every part of the work shall successfully stand such test and shall in all respects conform to the requirements of this ordinance.

(E). GALVANIZED VENTS. All vent pipes shall be of galvanized screw pipe or cast iron and all fittings of galvanized malleable iron or cast iron.

(F). CLEAN OUTS. All vertical stacks, soil and waste pipes shall be provided with a trap screw ferrule at the foot and all other places where necessary. The diameter of trap screw ferrules shall be not less than one inch of the diameter of the waste. All changes of direction of soil or waste pipes shall be made with full "Y" branches and one-eight bends, except when the waste is vertical. All cleanouts shall be extended to outer walls or some point convenient of access, not closer than one foot to the wall. When soil and waste pipes are below cement or wood floors, or in places where the cleanouts are not accessible, the said cleanouts shall be brought up to and above the floor or ground. An arm of



two feet in any change of direction where one-eight bend can be used will be allowed.

(G). WIPED JOINTS - All connections in lead piping shall be joined by wiped joints. Connections between soil pipes and lead pipes shall be made with brass ferrules or brass solder nipples, and such joints shall be wiped.

(H). WASTE PIPE SIZES. - All waste pipes shall be of lead, cast iron or galvanized wrought iron of the following sizes, to-wit: for bath tubs, wash basins, and laundry trays not less than  $1\frac{1}{2}$  inches; for sinks, slop hoppers and urinals, not less than two (2) inches.

(I). TRAPS AND VENTS - All traps and vents shall be the same at size as the wastes, except in sink, urinals and wash basins. Sinks and urinals shall have  $1\frac{1}{2}$  inch traps and vents, and wash basins shall have one and one-quarter inch ( $1\frac{1}{4}$ " ) traps and vents, if not more than one fixture is vented. The sizes of the pipes for wastes and vents shall be as follows, to-wit: for two fixtures  $1\frac{1}{2}$  inches, except as hereinbefore provided for sinks and urinals; for more than two and not exceeding eight fixtures, 2"; for more than eight and not exceeding sixteen fixtures,  $2\frac{1}{2}$ "; for more than sixteen and not more than twenty-eight fixtures, 3"; and for every additional sixteen fixtures an additional  $\frac{1}{2}$ ".

(J). CROWN VENTS - Crown vent pipes from water closets and slop hoppers shall be not less than two inches in internal diameter. Where more than one water closet and slop hopper is vented through the same pipe the size of the pipe shall be as follows, to-wit: for more than one and not exceeding four, 2 inches; for more than four and not exceeding eight,  $2\frac{1}{2}$  inches; for more than eight and not exceeding fourteen, 3 inches; for more than fourteen and not exceeding twenty-four, 4 inches; and for every additional ten closets or slop hoppers an additional inch. Every vent pipe run at a horizontal turn shall grade toward the fixture.



- (K). VENT HEIGHTS - All vents shall rise perpendicularly or at an angle of forty-five or sixty degrees in the nearest partition or wall to four inches above the floor. Fittings known as "Y" branches shall be used where the vent is taken off the waste line below the fixture.
- (L). PROHIBITED CONNECTIONS - No privy vault, cesspool, exhaust from engine or blow-off from boiler shall be connected with the drain of any building or other structure.
- (M). SODA FOUNTAIN CONNECTIONS - When waste pipe connections are to be made to fixtures classified as follows: soda fountains, bars, dentists fountains, cuspidors, lavatories in barber shops, which in the opinion of the Plumbing Inspector cannot be practically constructed in conformity with the provisions of this ordinance, a special permit may be issued by the Plumbing Inspector, on recommendation of the Health Officer that said work will not be unsanitary.
- (N). ALTERATIONS - Upon the removal or alteration of any building or structure, or the making of any addition thereto, if new plumbing fixtures are placed therein, either in the original or altered or added portion thereof, such new fixtures shall be properly connected with the plumbing in the original parts of the building or structure; and if the fixtures are to be reset, either in the old or any new part of such building or structure, then both the original and additional fixtures, and all altered plumbing shall be made to comply in all respects with the provisions of this ordinance.
- (O). REFRIGERATOR CONNECTIONS - The waste pipe from any refrigerator or other receptacle in or which provisions are stored shall not be connected with a drain, soil pipe or other waste pipe, but shall be arranged to waste into an open sink or tray in open sight. This sink or tray may be connected with the drainage system, which shall have a water connection so that the trap may be supplied with water. Said sink or tray shall be properly trapped and vented. The waste pipe for such refrigerator or other receptacle shall not be less than  $1\frac{1}{2}$ " pipe, which shall run from an open sink or tray to the refrigerator



and extend through the roof. Refrigerator traps shall be used.

(P). SAFE WASTES - No safe waste pipe from any fixture shall connect with any waste pipe or sewer, but such safe waste pipe shall discharge into a water supplied sink or discharge outside of a building.

(Q). LATRINES AND RANGE CLOSETS - Latrines and range closets shall not be installed in any school, factory, apartment house or public building within the City of Miami Beach.

(R). INDIRECT CONNECTIONS- No plumbing fixture, unless otherwise expressly provided and except a sink in a soda fountain, shall be set up with an indirect connection to the drain or sewer of any building or structure. The waste from every such sink shall be so constructed as to be easily removed and cleaned, if not directly connected, may or may not be vented but shall be trapped and shall be so constructed as to discharge over a properly trapped fixture located as near as practicable to the fixture drained. Such trapped fixture shall not be located in an inaccessible or un-ventilated cellar.

(S). CLOSET BENDS - Cast iron closet bends shall have cast iron or brass floor flange.

SECTION XXX.  
SEPTIC TANK OR SEWER VENT.

Every building or other structure connected to a sewer or septic tank shall have at least one 4 inch vent pipe carried above the roof. Every building or structure used for human habitation shall have installed therein at least one toilet and one sink properly trapped and connected with sewer or septic tank.

SECTION XXXI.  
PRIVY VAULTS PROHIBITED

No privy vault shall be dug or constructed in the City of Miami Beach, except that the Plumbing Inspector may permit such



vaults to be dug or constructed for temporary use, and shall specify in the permit therefor the length of time during which the same may be used, and it shall be unlawful for any person to maintain such vault a longer time than specified in such permit.

SECTION XXXII.  
WATER SUPPLY TO FLOOR DRAIN

Every floor drain and sand trap connected directly to any building or other structure drain shall have a water connection so that the trap may be supplied with water.

SECTION XXXIII.  
SUPERVISION OF PLUMBING INSPECTOR

The Plumbing Inspector of the City of Miami Beach shall have supervision over the installation, alteration and use of waste pipes and water fixtures, in all buildings and other structures in the City of Miami Beach.

SECTION XXXIV.  
SERVICE PIPES

Every service pipe from a city main tap to any building or other structure shall be not less than three-fourths of an inch in internal diameter. The City Water Department in every instance reserves the right to, at its own option, designate and prescribe the size of a service connection, either upon original installation of a new connection or upon any renewal or replacement of any old connection and in any case where a size of service other than that applied for by the tenant, or previously existing, is designated and prescribed by the City, the tenant shall be bound thereby. No one but an authorized employee of the Water Department is allowed to touch any water main, service pipe, meter, stop-cock, curb-cock, or other fixture belonging to or under the control of the city. Any plumber finding repairs or changes necessary will shut off the water at the stop-cock at the building. In case it is necessary to shut off the water at the curb he will notify the Water Department.



In all premises where steam boilers or hot water tanks are supplied with water from the water works, the owner must see that a suitable safety valve, vacuum, air or other valve or device, is placed, to prevent damage from collapse under heavy pressure or from explosion if water is shut off. In all cases where pipes are connected direct with boilers, feed water heaters, or other fixtures where pressure is or can be generated, there must be a check-valve placed in the pipe between such fixture and the meter. Where this is not done, the consumer will be held responsible for any damage to meter or other fixture on the service pipe and for cost of labor in repair of same.

SECTION XXXV.  
GALVANIZED IRON

All water pipes and all water fittings inside of buildings and other structures shall be of galvanized iron, and all other water pipes and all other water fittings shall be of galvanized iron.

SECTION XXVI.  
SIZE OF WATER PIPES.

The size of water pipe shall refer to the nominal internal diameter and shall vary with the number of fixtures supplied thereby, as follows: for nipples and tubing only, not less than three-eighths of an inch ( $\frac{3}{8}$ "); toilet and lavatory supplies for not more than three fixtures, not less than one-half inch ( $\frac{1}{2}$ "); for not more than twenty-four fixtures, not less than three-quarter inch ( $\frac{3}{4}$ "); for not more than forty fixtures, not less than one inch; for not more than eighty fixtures, not less than one and one-quarter inches ( $1\frac{1}{4}$ "); for not more than one hundred and fifty fixtures, not less than one and one-half inches; for not more than three hundred fixtures, two inches and for every additional one hundred and fifty fixtures add one-half an inch additional.

SECTION XXXVII.  
DENTIST'S CUSPIDORS.

Every dentist's cuspidor shall be constructed so as to waste



through a drum trap and the trap shall have one and one-half inch vent pipe and shall be placed within two feet of the vent pipe. On the inlet side of the trap an extension of one inch waste pipe shall be run to a length not exceeding ten feet, reckoning from the trap seal to the end of the one inch extension.

**SECTION XXXVIII.**  
**GARAGE SAND TRAP**

Every sand trap in a garage shall be of concrete. The walls of such trap shall be not less than three inches thick, and each said trap shall contain a partition not less than two inches thick, which shall be as high as the outlet thereof. The outlet shall be constructed with one 4 inch quarter bend, turned down and terminating within 4 inches of the bottom of said trap. If the outlet is of four inch pipe it need not be vented. The size of the sand trap shall be not less than eighteen inches by thirty-six inches and shall be not less than eighteen inches in depth. The sand-trap shall be provided with a cover which shall rest on an iron angle frame. Such frame shall extend at least one inch on the floor beyond the sand trap wall. No boiled blow-off shall connect with any sand trap but shall have a separate water tight sump, which shall connect with the sand trap on the building or structure side of the partition of such sand trap.

**SECTION XXXIX.**  
**PROHIBITED FITTINGS**

Double hubs, straight crosses, straight "T's" or short tune "L's" shall not be used on soil or waste pipes. Bands, saddles and sleeves shall not be used in any case. Double sanitary "T" branches and single "T's" are prohibited, except in perpendicular stacks. No fittings shall be used between the bath trap and perpendicular waste lines, "L's" or quarter bends will not be allowed on bottom of waste stacks. Two one-eighth bends shall be used.

**SECTION XL.**  
**TRAP SEAL**



Every trap shall have a water seal with an internal diameter of not less than that of the trap.

**SECTION XLI.**  
**PIPE ARRANGEMENT**

All pipes shall be as straight and direct as possible, and shall be so arranged as to be readily inspected. Hangers shall be placed every seven feet apart on cast iron pipe and every ten feet apart on galvanized iron pipe.

**SECTION XLII.**  
**DRAINAGE EXCAVATIONS**

All excavations required for the installation of a building or other structure drainage system, or any part thereof, within the walls of such building or structure, shall be open trench work; and all such trenches shall be kept open until the pipes therein shall have been inspected.

**SECTION XLIII.**  
**DEFECTIVE WORK**

Every person, firm or corporation doing any plumbing work shall immediately remove and replace any and all defective material and any and all defective work, when required so to do by the Plumbing Inspector. Every soil pipe, drain pipe vent, trap, water closet, urinal, sink or other fixture set up or any fittings laid, used or constructed otherwise than in accordance with this ordinance, or any other ordinance or law regulating such work in the City of Miami Beach, or which may become bad, defective, dangerous or in any way unfit for service, shall, upon notice either verbal or in writing from the Plumbing Inspector, be removed or repaired in accordance with such notice or other instructions from the Plumbing Inspector and shall be made to comply with the provisions of this ordinance and of every other ordinance and law regulating such work in the City of Miami Beach, within the time fixed in such notice or within any extension thereof granted by the Plumbing Inspector.



SECTION XLIV.  
CONDEMNATION

Where a building or structure has been inspected and the plumbing work condemned by the Plumbing Inspector as being in an unsanitary condition, notice to that effect shall be given in writing by the Plumbing Inspector to the owner, agent or occupant of such building or structure, and in such notice shall designate the repairs or improvements required to be made. If the owner, agent or occupant objects to such condemnation or to the making of such repairs or improvements, he may, within three days after such notice, appeal to the City Council from the decision of the Plumbing Inspector. Such appeal shall be taken by filing with the City Clerk, and a copy with the Plumbing Inspector, a notice, in writing, stating the objections to such condemnations or to such repairs or improvements and a statement that he appeals to the City Council.

If an appeal is so taken by such owner, agent, or occupant, the same shall come on for hearing at the next regular meeting of the City Council, but may be continued to other meetings of the said City Council, provided notice of the time to which such hearing is continued shall be given to such owner, agent or occupant; and the City Council may hear evidence and argument touching the issue and may affirm, reverse or modify the order of the Plumbing Inspector and the decision of the City Council on such an appeal shall be final and conclusive.

When plumbing, - in any building - has been condemned as unsanitary and no appeal taken as herein provided, or, if taken and the order of the Plumbing Inspector is affirmed or modified, the owner, agent or occupant shall immediately make such repairs and improvements as may be required by the City Council and, unless the same shall be commenced within three days after notice of the decision of said City Council, it shall be the duty of the Plumbing Inspector to post at some conspicuous place on such building or structure one or more notices, which shall be substantially in the following form:

"WARNING":

This building (or structure) has been condemned  
as unsanitary and unfit for human habitation or



occupancy and it is unlawful for any person to live in or use the same. By order of the City Council."

"Plumbing Inspector"

Such notice may be in typewriting and shall remain on such building or structure until the repairs or improvements shall have been made and the same shall then be removed by the Plumbing Inspector, or by such person as may be authorized by such official so to do; and it shall be unlawful for any person to remove or deface same. After building or structure has been placarded on account of unfit plumbing and until the repairs or improvements required shall have been made, it shall be unlawful for any person to live in or occupy such building or structure, whether for business or residence purposes, or to rent, let or hire the same or any part thereof, or to collect, receive or pay any rent therefor, whether as agent, owner, tenant, or otherwise.

**SECTION XLV.  
DISPLAY SIGN**

Every person, firm or corporation doing business as a merchant plumber in the City of Miami Beach shall, at the place of such business, display a business sign showing the full registered name of such person, firm or corporation; and it shall be unlawful for any person, firm or corporation not so registered to do business in the City of Miami Beach, or to advertise to do any plumbing work therein.

**SECTION XLVI.  
PENALTIES**

Every person, as principal, agent, manager or employee, violating, failing, neglecting or refusing to comply with any of the provisions of this ordinance shall be deemed guilty of a misdemeanor and, upon conviction thereof, shall be punished by a fine not exceeding Two Hundred (\$200.00) Dollars or by imprisonment in the City Jail for not more than ninety days, or by both fine and imprisonment; and every day



during any portion of which any of the provisions of this ordinance shall be violated shall constitute a misdemeanor and shall be punished as herein provided.

**SECTION XLVII.**  
**ELECTION OF PLUMBING INSPECTOR.**

The Plumbing Inspector is to be appointed by the Mayor and approved by the City Council; he must be a resident of Miami Beach and also furnish a one thousand Dollar (\$1,000.00) bond.

**SECTION XLVIII.**

Sections XII to XXI inclusive, relative examination and registration of Plumbers may be waived or remain in full force by resolution of the City Council of the City of Miami Beach.

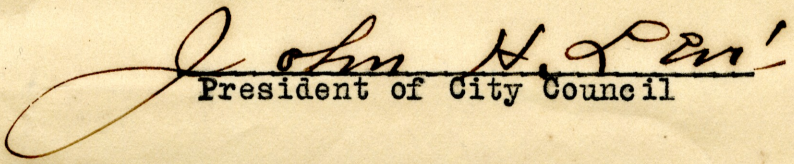
**SECTION XLIX.**

All ordinances or parts of ordinances in conflict herewith are hereby repealed.

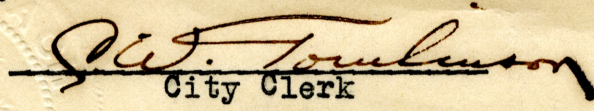
**SECTION L.**

Any person, the member of any firm or any officers of any corporation who shall violate any of the provisions of this Ordinance shall, upon conviction, be fined not more than Two hundred (\$200.00) Dollars, or imprisoned in the City Jail not more than ninety days, or by both such fine and imprisonment.

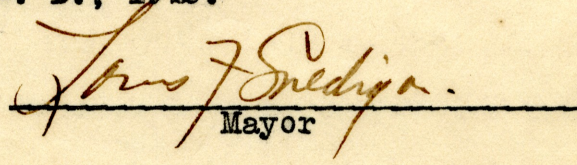
PASSED AND ADOPTED this 3rd day of June, A. D., 1925.

  
\_\_\_\_\_  
President of City Council

ATTEST:

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

APPROVED this 3rd day of June, A. D., 1925.

  
\_\_\_\_\_  
Mayor

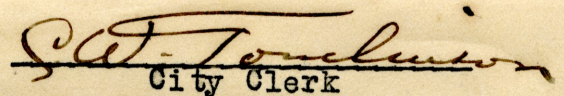


STATE OF FLORIDA)

COUNTY OF DADE )

I, C. W. TOMLINSON, City Clerk in and for the City of Miami Beach, Florida, do hereby certify that Ordinance No. 221 entitled "An Ordinance of the City of Miami Beach, Florida, prescribing rules and regulations as to Plumbing Work; the installation of Plumbing; the Building or Installing of Septic Tanks; providing for the granting of a Permit permitting Plumbing; providing for fees for such permits; providing for an Examining Board to Examine Persons as to their Qualifications as Plumbers; fixing the qualifications of persons who may engage in the Plumbing Business or Trade in said City; providing for a Plumbing Inspector for said City; making provisions with reference to Merchant Plumbers and Providing for a Penalty for the violation of this Ordinance," having been duly passed and adopted by the City Council of the City of Miami Beach, has been posted by me in three conspicuous places in the City of Miami Beach, one of which was at the door of the City Hall in said City on the 15th day of June, 1925, and that said Ordinance remained posted for a period of at least thirty days in accordance with the requirements of the City Charter of the said City of Miami Beach.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the City of Miami Beach on this the 15th day of July, A. D., 1925.

  
City Clerk





(Original)  
Ordinance No. 221  
Dumblung Ordinance.