

# Chapter 447

## 1971 REPLACEMENT PART

### Plumbing Code; Burial Structures; Structural Standards

- REGULATION OF PLUMBING AND SEWAGE CESSPOOL WORK GENERALLY**
- 447.010 Definitions for ORS 447.010 to 447.140  
447.020 Plumbing and sewage cesspool work to conform to requirements; enforcement  
447.030 Registration certificate for plumbing; application; fee; issue; expiration  
447.033 Registration certificate for sewage cesspool work; application; fee; issue; expiration  
447.035 Bond securing compliance with provisions regulating sewage cesspool work must be executed by applicant  
447.040 Registration mandatory  
447.050 Denial and revocation of certificate; hearing; notice  
447.060 Engaging in certain plumbing or sewage cesspool work not affected  
447.070 Registration prerequisite to maintenance of legal action  
447.080 City and county plumbing regulations
- FIXTURE INSTALLATION REGULATIONS**
- 447.110 Pipes, fittings and fixtures generally  
447.120 Vent pipes, fittings, drains and other lines and fixtures  
447.130 Water-service system  
447.135 Utility hot water heaters; installation; sale  
447.140 Waste and sewage; prohibitions  
447.150 Safety standards for glass and plastic installed in buildings
- STANDARDS AND SPECIFICATIONS FOR USE OF GOVERNMENT BUILDINGS BY PHYSICALLY HANDICAPPED**
- 447.210 Definitions for ORS 447.210 to 447.280  
447.220 Purpose  
447.230 Standards and specifications to eliminate architectural barriers; advisory committee; application of ORS 447.210 to 447.280
- 447.240 Requirements in construction or renovation of government buildings  
447.250 Waivers or modifications of standards and specifications  
447.260 Promulgation of rules  
447.270 Cooperation with public officials and agencies required  
447.280 Enforcement powers
- BUILDING CODE FOR BURIAL STRUCTURES**
- 447.610 Definitions for ORS 447.610 to 447.730  
447.620 Burial structures to conform to requirements; enforcement; city and county regulations  
447.630 Building permit required  
447.640 Application for building permit; fee; documents to accompany application  
447.650 Modifications of plans, specifications or statements  
447.660 Issuance of permit; time for commencement of work; revocation of permit  
447.670 Approved documents upon which permit is issued subject to inspection; posting permit  
447.680 Inspection of construction work; issuance of certificates of occupancy, partial occupancy, noncompliance  
447.690 Alteration of burial structures to conform to Uniform Building Code, plumbing code and electrical code  
447.700 Building material and construction specifications generally  
447.710 Masonry trim and veneers  
447.720 Construction requirements when continuous seepage exists  
447.730 Uniform Building Code; certified copies; evidence
- PENALTIES**
- 447.990 Penalties

### CROSS REFERENCES

- Administrative procedures governing state agencies, 183.310 to 183.500  
Compliance with state water resources policy required, 536.300 to 536.400  
County service facility, restriction on connection with or alterations of, 451.600  
Farm labor camps, sanitary regulation, 446.510 to 446.660  
Funeral establishments, plumbing and sewerage, 692.320  
Licensing of journeymen plumbers and apprentices, Ch. 693  
Licensing of well contractors, 537.747  
Log required for new or altered well, 537.765  
Surveying or laying out sewage disposal and other service facilities, entry upon private land, 451.590  
Trailers and trailer parks, sewage disposal facilities, 446.095, 446.115, 446.125, 446.135, 446.155.  
Wells, construction, alteration or abandonment by landowner, bond required, 537.753  
Wells, standards for, 537.780
- BUILDING CODE FOR BURIAL STRUCTURES**
- Builders, registration required, 701.055  
Cemetery lots, Ch. 97  
City parks, memorials and cemeteries, Ch. 226  
County cemeteries, Ch. 214

### REGULATION OF PLUMBING AND SEWAGE CESSPOOL WORK GENERALLY

**447.010 Definitions for ORS 447.010 to 447.140.** As used in ORS 447.010 to 447.140 and subsection (1) of ORS 447.990, unless the context requires otherwise:

(1) "Board" means the State Board of Health.

(2) "Plumbing" is the art of installing, altering or repairing in or adjacent to or serving buildings:

(a) Pipes, fixtures and other apparatus for bringing in the water supply and removing liquid and water-carried waste, including the water supply distributing pipes.

(b) Fixtures and fixture traps.

(c) Soil, waste and vent pipes.

(d) House drain and house sewer to the sewer service lateral at the curb, or in the street, or alley, or other disposal terminal holding human or domestic sewage.

(e) Storm-water drainage, with their devices, appurtenances and connections.

(3) "Sewage cesspool work" means:

(a) The construction of sewage cesspools, septic tanks, disposal fields and dry wells having a connection with the building or structure drain or rain drain.

(b) The pumping out or cleaning of sewage cesspools and septic tanks.

(c) All grading, excavating and earth moving work connected with the operations described in paragraph (a) of this subsection, except streets, highways, dams, airports, other heavy construction projects and that earth moving work performed under the supervision of a builder or contractor in connection with and at the time of the construction of a building or structure.

(d) The construction of drain and sewage lines from five feet outside the building, house or structure to the service lateral at the curb, or in the street, or alley, or other disposal terminal holding human or domestic sewage. [Subsection (3) enacted as 1955 c.548 §2; 1957 c.300 §1; 1961 c.401 §1]

**447.020 Plumbing and sewage cesspool work to conform to requirements; enforcement.** (1) All installations of plumbing and drainage in buildings and structures in this state and all potable water supply, drainage, and waste installations, within or serving buildings or structures, except in temporary construction camps, and except as otherwise

provided in ORS 447.010 to 447.140, shall be made in accordance with the requirements of ORS 447.010 to 447.140.

(2) The board is required to see that ORS 447.010 to 447.140 and ORS 447.990 are enforced and may in accordance with ORS 183.330 adopt, amend or repeal regulations setting minimum standards for sewage cesspool work including septic tanks, disposal fields and dry wells, sewage pumping equipment, tank trucks, identification of tank trucks and workmen, and disposal of septic tank and cesspool sludge.

(3) The Director of Commerce shall make regulations for the purpose of setting standards for plumbing and defining compliance with the provisions of ORS 447.010 to 447.140 particularly pertaining to installation of piping, protection and adequacy of the water supply, workmanship and materials, traps and cleanouts, domestic hot water storage tanks and devices, drinking fountains, approval of devices, equipment and fixtures, hangers and supports, drainage and venting, house drains and house sewers, stormwater drains, special wastes, light and ventilation of water closets and bathrooms, and excavation and grading.

[Amended by 1957 c.300 §2; 1971 c.753 §48]

**447.030 Registration certificate for plumbing; application; fee; issue; expiration.** (1) Every person, firm and corporation engaged in the business of furnishing labor and material, or labor only, to alter, renovate or install plumbing in this state shall, on or before July 1 of each year, file with the State Board of Health an application in writing for registration.

(2) The application shall state:

(a) The name and address of the applicant.

(b) In case of firms, the names and post-office addresses of the individuals composing the firm.

(c) In case of corporations, the names of their managing officials.

(d) The location of the business of the applicant and the name under which the business is to be conducted.

(3) No registration shall be made or entered until the applicant has paid a registration fee of \$50 to the board which shall issue to such person, firm or corporation a certificate of registration.

(4) All certificates shall bear the date of issue and shall expire on July 1 next following the date of issue.

[Amended by 1969 c.540 §1]

**447.033 Registration certificate for sewage cesspool work; application; fee; issue; expiration.** (1) Every person, firm and corporation engaged in the business of furnishing labor and material or labor only for sewage cesspool work shall on or before July 1 of each year file with the State Board of Health an application in writing for registration.

(2) Such application shall state:

(a) The name and address of the applicant.

(b) In case of firms, the names and post-office addresses of the individuals composing the firm.

(c) In case of corporations, the names of their managing officials.

(d) The location of the business of the applicant and the name under which the business is to be conducted.

(3) No registration shall be made or entered pursuant to this section until the applicant has paid a registration fee of \$50 to the board and filed the bond required by ORS 447.035 with the board which shall issue to such person, firm or corporation a certificate of registration.

(4) All certificates shall bear the date of issue and shall expire on July 1 next following the date of issue.

[1955 c.548 §§3, 4; 1969 c.540 §2]

**447.035 Bond securing compliance with provisions regulating sewage cesspool work must be executed by applicant.** Every applicant under ORS 447.033 shall execute a bond in the penal sum of \$1,000 in favor of the State of Oregon. Said bond shall be executed by the applicant as principal and by a surety company authorized to transact a surety business within the State of Oregon as surety. Such bond shall be filed with the board in accordance with the following conditions: In the construction, installation, alteration or repair of sewage cesspool work the principal shall comply with all the provisions of ORS 447.010 to 447.140 regulating such work, and that any person injured by a failure so to comply may have a right of action on said bond in his own name; provided that such action be commenced within one year after the completion of such work; but the surety on such bond shall not be liable thereunder to any such person in an amount in excess of \$1,000.

[1955 c.548 §5]

**447.040 Registration mandatory.** No person shall engage in or follow the business

or occupation of, or advertise or hold himself out as or act temporarily or otherwise as registered to conduct a plumbing business, or engage in sewage cesspool work, and no member or employe of a firm, partnership or corporation shall engage in the layout or superintending of plumbing installations, or sewage cesspool work, without having secured the certificate of registration required by ORS 447.010 to 447.140.

[Amended by 1955 c.548 §6]

**447.050 Denial and revocation of certificate; hearing; notice.** (1) The board may revoke any certificate of registration if it is obtained through error or fraud or if the holder thereof fails to comply with ORS 447.010 to 447.140.

(2) Whenever, in the judgment of the board, the holder of a certificate has failed to comply with ORS 447.010 to 447.140 or the rules and regulations of the board, it shall revoke the certificate.

(3) No application for a certificate shall be denied, nor shall any certificate be revoked, by the board, without first giving the holder thereof full opportunity to be heard regarding the denial or revocation. Notice of the hearing shall be given in writing by receipted registered mail or by personal service, at least 10 days before the date of hearing and shall state the place, date and hour of hearing, and grounds of cancellation or revocation.

**447.060 Engaging in certain plumbing or sewage cesspool work not affected.** Nothing in ORS 447.010 to 447.140 and subsection (1) of ORS 447.990 prevents a person, firm or corporation from:

(1) Engaging in plumbing work, or sewage cesspool work, when not so engaged for hire.

(2) Utilizing the services of regular employes in doing any plumbing work, or sewage cesspool work, for the benefit of property owned, leased or operated by such employer.

[Amended by 1955 c.548 §7]

**447.070 Registration prerequisite to maintenance of legal action.** No person carrying on, conducting or transacting a plumbing business, or engaging in sewage cesspool work, may maintain any suit or action in any of the courts of this state without alleging and proving that he was duly

registered under ORS 447.030 or 447.033 at the time of performing such work.

[Amended by 1955 c.548 §8]

**447.080 City and county plumbing regulations.** Nothing in ORS 447.010 to 447.140 prevents any city or county from enacting and enforcing ordinances or building codes for the regulation of the business of master plumbing, or sewage cesspool work, or which prescribe the manner in which plumbing and drainage work shall be installed in such city or county, except that such ordinances or codes shall not prescribe a lower standard of installation of plumbing and drainage work or sewage cesspool work than that prescribed in ORS 447.010 to 447.140.

[Amended by 1955 c.548 §9; 1963 c.47 §1]

**447.090** [Repealed by 1971 c.753 §74]

### FIXTURE INSTALLATION REGULATIONS

**447.110 Pipes, fittings and fixtures generally.** (1) All waste water and sewage from plumbing fixtures and appliances connected to the drainage system or water supply, or both, installed in any building or structure shall be:

(a) Conveyed and discharged from the trap of such fixture or appliance through either galvanized steel, galvanized wrought-iron, cast-iron, brass or lead pipe or copper tube to a point at least five feet outside the line of such building or structure.

(b) Carried or discharged from such pipe to a sewer, cesspool or ultimate point of discharge through either a continuation of such pipe, or through other suitable conveyer which meets requirements as established by ORS 447.020.

(2) Where galvanized steel or galvanized wrought-iron pipe is used for soil or waste pipe, the fittings used in conjunction therewith shall be cast-iron recessed screwed fittings. All fittings in horizontal soil and waste lines shall be long pattern soil or waste fittings.

(3) Except when used as exterior rain drains, all soil, waste and vent pipe installed underground within five feet of the building shall be cast-iron pipe.

(4) Whenever acids or corrosive industrial wastes are discharged into the drain lines, the wastes and drain lines shall be constructed of a material approved by the board.

(5) The board may approve the use of pipe and fittings constructed of material other than that specified in ORS 447.010 to

447.140 for soil, waste, vent and sewers, if the manufacturer can furnish test reports, samples and whatever other data may be required to establish to the satisfaction of the board the acceptability of such material.

(6) The trap of each individual fixture shall be connected to a soil or waste pipe and a vent pipe the size of which shall not be less than that which is prescribed or required by provisions of this section and in rules promulgated pursuant to ORS 447.020. No soil pipe to which a water closet is connected or which is intended to be used for such purpose shall be of less than three-inch nominal inside diameter pipe. However, the number of water closets which may be connected to a three-inch horizontal soil pipe shall not exceed two and shall be in accordance with rules and regulations promulgated under ORS 447.020.

(7) All fixtures shall be connected with soil, waste and vent pipes of such size and slope as to afford adequate capacity for the maximum load that may be potentially possible at any given time.

[Amended by 1963 c.194 §1; 1969 c.443 §1]

**447.120 Vent pipes, fittings, drains and other lines and fixtures.** (1) Vent pipes shall be of galvanized steel, galvanized wrought-iron, cast-iron, brass or lead pipe or copper tube.

(2) Vent fittings shall be of galvanized malleable iron, cast-iron, lead, brass or copper.

(3) Each fixture shall have a vent pipe the size of which shall be not less than the size of the trap of such fixture, except that a water closet shall have a vent not less than two inches nominal inside diameter provided that the drainage system to which such water closets discharge is connected to at least one main vent or stack which meets the provisions of subsection (5) of this section and the rules promulgated pursuant to ORS 447.020 relating to main vents or stacks.

(4) Whenever it is impossible to vent a plumbing fixture in accordance with the plumbing code, the fixture shall be installed in some other manner which meets the approval of the board.

(5) Each system of building drain and building sewer piping which is provided to carry liquid-borne wastes and which connects to a separate sewer branch or lateral of a public or other common sewer or separately to a septic tank, cesspool or other place of disposal, shall have extended therefrom or

from a branch thereof not less than one main vent or stack which shall be a continuous pipe extending up through and to a point above the roof. The nominal inside diameter of such main vent or stack shall not be less than that which is required by the administrative rules promulgated pursuant to the provisions of ORS 447.020 and subsection (6) of this section. However, if the liquid-borne wastes which are or which may be carried in any system of building drain and building sewer piping includes wastes which are or which may be discharged from a water closet, the pipe size of the main vent or stack shall not be less than three-inch nominal inside diameter.

(6) Soil, waste and vent lines shall be sized in accordance with the tables set forth in the regulations of the board and except as otherwise provided by ORS 447.010 to 447.140, the board may by administrative rules determine the maximum drainage or vent capacity of any pipe of the drainage or vent system including but not limited to building drain and building sewer pipe, and the minimum number of fixtures or maximum number of a particular type of fixture which may be connected thereto.

(7) All vents shall extend to and at least one foot above the roof of the building. Vents shall terminate at least 12 feet away from or two feet above any air intake, door or window and at least 12 feet from another building or property line, lot line on street or alley excepted.

(8) Each fixture shall be separately and efficiently trapped.

(9) All joints of bell and spigot cast-iron soil pipe shall be made with oakum and molten lead properly calked or by approved mechanical joint so as to be gas and water tight.

(10) Threaded cast-iron pipe used in the plumbing system shall be in accordance with federal specifications for threaded cast-iron pipe.

[Amended by 1963 c.194 §2; 1969 c.443 §2]

**447.130 Water-service system.** (1) The water-service pipe to any building shall be of sufficient size to permit a continuous and ample flow of water on all floors at a given time.

(2) In no case shall the service pipe from the street main or other source of supply to the hot water branch tee in the building be less than three-quarter inch. It shall be so graded in size as to make for equal dis-

tribution of the water to the respective risers and branches in accordance with the need of the fixture or flushing medium employed.

(3) All fixtures shall be supplied with fresh water sufficient to flush the same. Floor drains and sumps shall be supplied with water automatically.

**447.135 Utility hot water heaters; installation; sale.** (1) After July 1, 1967, no person shall install an automatic utility hot water heater of the kind described by subsection (2) of this section unless the heater is equipped with a safety device of a kind approved by the Commissioner of the Bureau of Labor in accordance with ORS 480.510 to 480.615.

(2) Subsection (1) of this section applies to new or used automatic utility hot water heaters, not used for space heating, containing only water and which do not exceed 120 gallons in capacity, or water temperature of 200 degrees F., or pressure, of 150 pounds per square inch gauge pressure or a heat input in excess of 200,000 BTU per hour.

(3) After January 1, 1968, no person shall sell or offer for sale in this state any automatic utility hot water heater of the kind described by subsection (2) of this section unless the heater is equipped with a safety device of a kind approved by the Commissioner of the Bureau of Labor in accordance with ORS 480.510 to 480.615.

(4) The requirements established by subsections (1) to (3) of this section are in addition to any standards established by or pursuant to ORS 447.010 to 447.140 or 480.510 to 480.615.

[1967 c.308 §§2, 3, 4]

**447.140 Waste and sewage; prohibitions.**

(1) All waste water and sewage from plumbing fixtures shall be discharged into a sewer system, septic tank disposal system or sewage cesspool.

(2) No septic tank, pit-type privy, disposal field or sewage cesspool shall be constructed within 50 feet of any well, nor shall any person wilfully construct a well within 50 feet of any septic tank, pit-type privy, disposal field or sewage cesspool. The city, county and district health officers shall enforce this subsection under the direction and supervision of the board.

(3) No septic tank shall be constructed with a minimum capacity of less than 500 gallons. Septic tanks, sewage cesspools and

dry wells, together with drainage trenches, drainage tile, sewage cesspools or leaching sewage cesspools for the disposal of septic tank effluent shall be constructed and installed in accordance with the rules and regulations of the board.

(4) No plumbing fixture, device or equipment shall be installed, maintained or offered for sale which will provide a cross-connection between the distributing system of water for drinking and domestic purposes and any other water supply, or a drainage system, soil or waste pipe so as to permit or make possible the backflow of contaminated water, sewage or waste into the water supply system.

(5) No flush valve, vacuum breaker or syphon preventer shall be offered for sale or installed that has not been approved by the board.

(6) The use or installation of water-operated sump pumps or sewage ejectors, if connected to the potable water supply, is prohibited.

(7) No pan, plunger, offset washout, washout, long hopper, frost proof or other water closets having invisible seals or unventilated spaces, or walls not thoroughly washed at each flushing, shall be installed or sold for use in any building.

(8) No plumbing fixture, appurtenance or device, the installation of which would be in violation of this code and the regulations of the board, shall be sold, offered for sale or installed.

[Amended by 1955 c.548 §10; 1961 c.545 §1]

**447.150 Safety standards for glass and plastic installed in buildings.** (1) The State Board of Health shall adopt rules to establish minimum safety standards for glass and plastic to be installed in any building for those openings subject to human impact such as entrance or exit doors, sliding doors, storm doors, shower doors and bathtub inclosures, including transparent panels which may be mistaken as a point of ingress or egress.

(2) In adopting rules under subsection (1) of this section, the State Board of Health may consider:

(a) The technological advances of the affected manufacturing and construction industries;

(b) The practicability of following the standards under consideration, if adopted;

(c) The probability, extent and gravity of the injury to the public which would result from failure to follow the standards under consideration; and

(d) Safety standards followed, proposed, or approved by responsible members of the affected manufacturing industries, the construction industry, and city and county building code agencies.

(3) After due consideration of paragraphs (a) to (d) of subsection (2) of this section, the State Board of Health may, if it deems appropriate, incorporate by reference nationally recognized standards which substantially achieve the purposes of this section.

(4) The State Board of Health shall exempt from the application of these rules any city or county that has adopted rules or ordinances which achieve the same general level of safety as in the opinion of the State Board of Health are achieved by the adopted rules.

(5) Violation of the rules adopted under subsection (1) of this section, unless exempted under subsection (4) of this section, is a misdemeanor.

[1969 c.452 §1]

**STANDARDS AND SPECIFICATIONS  
FOR USE OF GOVERNMENT  
BUILDINGS BY PHYSICALLY  
HANDICAPPED**

**447.210 Definitions for ORS 447.210 to 447.280.** As used in ORS 447.210 to 447.280, unless the context requires otherwise:

(1) "Architectural barriers" are physical design features that restrict the full use of government buildings and their related facilities by physically handicapped persons.

(2) "Facilities" include but are not limited to sidewalks, curbs and entrances giving access to government buildings and accommodations in government buildings available for use by the public or government employees generally such as bathrooms, restrooms including toilet stalls, dining areas or dining rooms, drinking fountains, phone booths and lodging rooms or quarters.

(3) "Government buildings" include all buildings and structures used by the public which are constructed, purchased, leased or rented in whole or in part by the use of state, county or municipal funds or the funds of any political subdivision of the state; and, to the extent not required otherwise by federal law or regulations or not beyond the power of the state to regulate, all buildings and structures used by the public which are constructed, purchased, leased or rented in whole or in part by the use of federal funds.

[1971 c.320 §2]

**447.220 Purpose.** It is the purpose of ORS 447.210 to 447.280 to make government buildings and facilities constructed or renovated in the state by the use of state, county, or municipal funds, or the funds of any political subdivision of the state, accessible to, and usable by, the physically handicapped. [1971 c.320 §1]

**447.230 Standards and specifications to eliminate architectural barriers; advisory committee; application of ORS 447.210 to 447.280.** (1) The State Fire Marshal shall, pursuant to ORS chapter 183, establish standards and specifications necessary to eliminate architectural barriers to entry to and use of government buildings and their public facilities by disabled, physically handicapped or aged persons.

(2) The State Fire Marshal shall, to assist in the identification of architectural barriers and in the development of the standards and specifications referred to in subsection (1) of this section, be assisted by an advisory committee. The advisory committee shall be appointed by and serve at the pleasure of the Governor. The State Fire Marshal shall be the chairman of the advisory committee but shall vote only in the case of a tie vote. The membership of the committee shall include an architect licensed as provided by ORS 671.010 to 671.220 who is particularly knowledgeable in the field of architectural barriers, the chairman of the Governor's Committee on Employment of the Handicapped, the state architect employed by the Department of General Services, the administrator of the Vocational Rehabilitation Division and four members of the public. At least two of the four public members shall be handicapped citizens who use wheelchairs to ambulate.

(3) In the development of standards and specifications, the committee and the State Fire Marshal shall be familiar with and give full consideration to the standards and specifications developed by the American Standards Association for making buildings and facilities accessible to and usable by the physically handicapped.

(4) ORS 447.210 to 447.280 applies to government buildings and facilities constructed, and to portions renovated, altered or modified, after January 1, 1973, but not if the cost of eliminating the architectural barriers exceeds 25 percent of the total cost of the construction, renovation, alteration or modification. ORS 447.210 to 447.280 does not

apply to buildings or facilities on which work has been commenced and not completed prior to January 1, 1973. [1971 c.320 §3]

**447.240 Requirements in construction or renovation of government buildings.** (1) After January 1, 1973, no person shall construct or permit the construction of a government building unless there is at least one primary entrance into the government building which is accessible by an appropriate ramp or entrance, which meets the standards of ORS 447.210 to 447.280. The location of the entrance shall be as close to adjacent parking spaces as possible, shall be posted clearly at the main entrances to the building and the government building and facilities shall meet the specifications of the State Fire Marshal relating to making government buildings and facilities accessible to, and usable by, the physically handicapped.

(2) After January 1, 1973, no person shall renovate or permit the renovation of a government building unless the specific facilities or areas being renovated will meet, after renovation, the specifications of the State Fire Marshal relating to making government buildings and facilities accessible to, and usable by, the physically handicapped. [1971 c.320 §4]

**447.250 Waivers or modifications of standards and specifications.** (1) When a person or governmental entity undertaking the construction, renovation, alteration or modification of a government building or facilities determines that full compliance with a particular standard or specification is impractical in that it would defeat the purpose of the project proposed or in process, it may apply to the State Fire Marshal for a waiver or modification of such standard or specification, setting forth the reasons for its determination and a proposal for the work complying with the particular standard or specification to the maximum extent which it considers practical.

(2) The State Fire Marshal shall thereupon investigate the application. If he finds that the proposal submitted with the application would constitute a substantial compliance with, or an acceptable alternative to, the particular standard or specification in view of the objectives of ORS 447.210 to 447.280, he shall grant the application. If he finds otherwise, he shall promptly deny the application and notify the requesting person or governmental entity.

(3) The findings of the State Fire Marshal shall include the estimated building costs and the additional cost of construction to conform to the requirements of ORS 447.210 to 447.280 over the cost of a non-conforming feature or any other special reasons or circumstance that, in the judgment of the State Fire Marshal, justify the decision.

[1971 c.320 §5]

**447.260 Promulgation of rules.** The State Fire Marshal may promulgate rules reasonably necessary to implement and enforce ORS 447.210 to 447.280 including, but not limited to, rules authorizing him to waive or modify any standards and specifications with respect to work in process on January 1, 1973, where he determines that construction has proceeded to a state where compliance would be impractical, or, with respect to emergency or temporary construction, where he finds that compliance with such standards or specifications would not be necessary to fulfill the objectives of ORS 447.210 to 447.280 or would be impractical.

[1971 c.320 §6]

**447.270 Cooperation with public officials and agencies required.** The State Fire Marshal shall cooperate with and receive the assistance of all appropriate elective or appointive public officials and other state or governmental agencies in carrying out his responsibilities under ORS 447.210 to 447.280.

[1971 c.320 §7]

**447.280 Enforcement powers.** The State Fire Marshal shall have all necessary powers to require compliance with standards, specifications and rules adopted under ORS 447.210 to 447.280, including power to institute and prosecute proceedings in the circuit court to compel such compliance. He shall not be required to pay any filing fee in connection with the institution of such proceeding.

[1971 c.320 §8]

### BUILDING CODE FOR BURIAL STRUCTURES

**447.610 Definitions for ORS 447.610 to 447.730.** As used in ORS 447.610 to 447.730:

(1) "Enforcement agency" means the department, bureau or officer of every city and county charged with the enforcement of laws or ordinances regulating the construction or alteration of buildings.

(2) "Companion crypts" or "nests of crypts" means two or more crypts entered through a single opening and as used in ORS 447.610 to 447.730 "companion crypts" shall include "companion vaults," and "nests of crypts" shall include "nests of vaults."

(3) "Uniform Building Code" means the 1955 edition of the Uniform Building Code adopted and published by the Pacific Coast Building Officials Conference.

[1957 c.278 §1]

**447.620 Burial structures to conform to requirements; enforcement; city and county regulations.** (1) All mausoleums and columbariums constructed after August 20, 1957, and all structures altered after August 20, 1957, for use as a mausoleum or columbarium, including any portion of said mausoleum, columbarium or structure not to be used for mausoleum or columbarium purposes, shall conform to the requirements prescribed in ORS 447.610 to 447.730 as a minimum.

(2) All additions to or alterations of any existing mausoleum or columbarium, including an alteration from a mausoleum to columbarium and from a columbarium to mausoleum, shall conform to the requirements prescribed in ORS 447.610 to 447.730 as a minimum; provided, however, that the requirements of ORS 447.610 to 447.730 shall not extend to any part of existing mausoleums or columbariums which are not physically altered after August 20, 1957.

(3) Nothing in ORS 447.610 to 447.730 prevents any city or county from enacting and enforcing regulations as to building standards for mausoleums and columbariums, but such regulations shall not prescribe a lower standard than prescribed in ORS 447.610 to 447.730.

(4) The enforcement agency of every city and county shall enforce the provisions of ORS 447.610 to 447.730 and subsection (2) of ORS 447.990 in its respective territory, and any city or county not having an enforcement agency on August 20, 1957, shall by ordinance or resolution designate an enforcement agency or enforcement officer.

(5) In addition to all other remedies, every city and county, acting through its enforcement agency, may institute an action in the circuit court of any county in which an alleged violation of any provision of ORS 447.610 to 447.730 exists or is threatened, and such court may, upon a satisfactory showing by the enforcement agency, enjoin

the defendants from conduct violating ORS 447.610 to 447.730 or from a threatened violation.

[1957 c.278 §§2, 13, 22]

**447.630 Building permit required.** No one shall construct, reconstruct or alter any mausoleum, columbarium, or any structure to be used as such, without having first procured a building permit for each such structure or alteration from the enforcement agency, if the value of the work proposed shall exceed \$500; provided, however, if a structure shall include both a mausoleum and columbarium, only one permit shall be required for each construction or alteration thereof.

[1957 c.278 §3]

**447.640 Application for building permit; fee; documents to accompany application.**

(1) Anyone desiring a building permit shall file a written application on forms furnished by the enforcement agency. The application shall:

(a) State the name and address of the owner, both legal and beneficial;

(b) Show in detail the proposed construction, reconstruction, or alteration;

(c) State the name and address of the architect, structural engineer, or contractor, if any;

(d) State the estimated total cost of the structure for which a permit is sought; and

(e) Give any other data or information required by the enforcement agency, including computations, stress diagrams and other data sufficient to show the correctness of the plans.

(2) The application shall be accompanied by:

(a) Two full and complete sets of plans showing in detail the work proposed and whether it is for new work, reconstruction or alteration;

(b) Two sets of specifications describing the proposed work;

(c) Two sets of a plat of the land on which the work is proposed to be done; and

(d) A permit fee in an amount allowed by the enforcement agency's established schedule. If it has no such schedule, then in such amount as the enforcement agency shall determine to be necessary for the inspection required by ORS 447.610 to 447.730; provided, however, that said fee shall not be in excess of one percent of the estimated total construction costs.

(3) Plans shall be drawn to scale upon substantial paper or cloth and shall delineate the sections, halls, rooms, corridors, elevation and other divisions, with descriptive names or numbers. Plans and specifications shall be of sufficient clarity and detail to indicate the nature and extent of the work proposed and show in detail that it will conform to the provisions of ORS 447.610 to 447.730.

[1957 c.278 §4]

**447.650 Modification of plans, specifications or statements.** The enforcement agency may, from time to time, approve modification in any plans, specifications, or statements, if the changes are in conformity with the provisions of ORS 447.610 to 447.730. Upon request, the enforcement agency shall furnish a written statement of the modifications approved.

[1957 c.278 §6]

**447.660 Issuance of permit; time for commencement of work; revocation of permit.**

(1) The enforcement agency shall cause all plans, specifications, plats and statements to be examined, and if they conform to the provisions of ORS 447.610 to 447.730, shall issue a permit and indorse approval on one set of the documents submitted by the applicant, and deliver said permit and set to the applicant.

(2) The granting of a permit or approval of modifications is not a permit for or approval of any violation of any provision of ORS 447.610 to 447.730 and subsection (2) of ORS 447.990.

(3) Failure to commence work within 90 days from the issuance of the permit shall void the permit; and a new permit shall be obtained before the work proceeds.

(4) In the case of refusal or neglect of the person to whom a permit has been issued to comply with all of the provisions of ORS 447.610 to 447.730, or in case any false statement or misrepresentation is made in any of the plans, specifications, plats or statements filed for the permit or to obtain approval of modifications, the enforcement agency shall revoke any permit or approval of modifications previously issued.

[1957 c.278 §§5, 7, 9, 10]

**447.670 Approved documents upon which permit is issued subject to inspection; posting permit.** The approved documents upon which the permit is issued shall be kept on the premises where the work is to be done

at all times after approval thereof until a certificate of occupancy is issued for the structure, and shall be subject to inspection by the enforcement agency. During all such times, the permit shall be prominently posted near the work.

[1957 c.278 §8]

**447.680 Inspection of construction work; issuance of certificates of occupancy, partial occupancy, noncompliance.** (1) At such time during construction as the enforcement agency shall determine, it shall inspect the work, and shall issue to the applicant a certificate of occupancy if the work is completed and conforms to the plans, specifications and statements filed, and the permit and the modifications approved and the provisions of ORS 447.610 to 447.730, and is ready for the interment of human remains; and if not ready the agency shall issue to applicant a certificate of noncompliance in writing stating the particulars of noncompliance.

(2) Upon request, the enforcement agency shall inspect any work and if it shall find that a portion of the structure is complete, and it further finds that a portion of the interior therein is completed in accordance with the plans, specifications, and statements and the permit and modifications thereof and the provisions of ORS 447.610 to 447.730, and is ready for the interment of human remains, the agency shall issue to applicant a certificate of partial occupancy for use of said portion for the interment of human remains prior to the completion of the entire structure; and, if not, the agency shall issue to applicant a certificate of noncompliance in writing as to said portion stating the particulars of noncompliance. [1957 c.278 §§11, 12]

**447.690 Alteration of burial structures to conform to Uniform Building Code, plumbing code and electrical code.** (1) All mausoleums, columbariums, and all structures altered for use as a mausoleum or columbarium shall conform to Type I Construction as specified in the Uniform Building Code, unless otherwise specified in ORS 447.610 to 447.730.

(2) All mausoleums, columbariums and all structures altered for use as a mausoleum or columbarium shall conform to the plumbing laws of the State of Oregon and the regulations promulgated by the State Board of Health relating thereto.

(3) All mausoleums, columbariums, and all structures altered for use as a mausoleum or columbarium shall conform to the electrical code of the State of Oregon and the regulations promulgated by the Commissioner of the Bureau of Labor relating thereto. [1957 c.278 §§14, 15, 16]

**447.700 Building material and construction specifications generally.** (1) All materials used in construction or alteration shall be incombustible, except temporary partitions, interior doors and door frames, interior frames for glass screens, movable fixtures, furniture, furnishings, waterproofing felt, building paper, roofing, floor coverings, including asphalt and other combustible tile.

(2) All footings, bearing walls, beams, columns, floor slabs and other structural members shall be of poured-in-place, reinforced concrete or fireproofed structural steel and shall be designed and constructed in accordance with the Uniform Building Code.

(3) All floors shall be designed and constructed for a live load of not less than 100 pounds per square foot.

(4) The total load on any footing shall not exceed the safe soil bearing value as determined by loading test. Footings shall be designed for total loads, with a proper reduction for soil bearing value above normal; provided, however, that the relative size of the footings shall be governed by dead load only.

(5) All crypt walls and crypt floor slabs shall be constructed of poured-in-place, reinforced concrete. Crypt walls shall be not less than three and one-half inches in thickness, and crypt floor slabs shall be not less than three inches in thickness.

(6) Each crypt, including each crypt in a companion crypt or in a nest of crypts, shall be designed for a total live load of 600 pounds.

(7) Where any wall is constructed against a bank of earth, rock or other porous material, or where crypts are adjacent to an outside building wall below grade, the wall shall be thoroughly primed and waterproofed. [1957 c.278 §§17, 18]

**447.710 Masonry trim and veneers.** (1) All interior or exterior masonry trim and veneers shall be of stone, brick, cast stone, granite or marble. Cast stone shall meet all requirements for cast stone set forth in the Uniform Building Code.

(2) Marble for trim, crypt and niche fronts, and veneer, which is exposed to the weather, shall be travertine, serpentine marble or Grade A exterior type marble, only.

(3) All veneer referred to in subsection (1) of this section shall be attached to the supporting wall in accordance with the requirements of the Uniform Building Code. [1957 c.278 §19]

**447.720 Construction requirements when continuous seepage exists.** (1) Whenever the enforcement agency shall discover evidence that continuous seepage exists, floor slabs placed on earth shall be constructed in the following manner or in a manner proven to be equal to the following manner:

(a) A layer of gravel at least six inches thick.

(b) Place a subslab of concrete two inches thick on top of said gravel.

(c) Place two layers of fifteen pound waterproofing felt sealed tightly to subslab and to each other with waterproofing asphalt; felt to be turned up one inch on walls and be asbestile type sealed around perimeter of walls.

(d) Completely coat felt with waterproofing asphalt and dry dust with cement.

(e) Install poured-in-place reinforced concrete floor slab.

(2) Under normal conditions where no evidence of continuous seepage exists, it shall be sufficient to construct the floor by

following the requirements of paragraphs (a), (b) and (e) of subsection (1) of this section.

[1957 c.278 §17]

**447.730 Uniform Building Code; certified copies; evidence.** The Commissioner of the Bureau of Labor shall obtain and keep on file in his office a copy of the 1955 edition of the Uniform Building Code adopted and published by the Pacific Coast Building Officials Conference. The commissioner shall obtain and certify copies of the Uniform Building Code and deliver them to persons requesting the same at cost. Any such duly certified copy of the Uniform Building Code shall be received in all courts as conclusive evidence of the contents of the original. [1957 c.278 §20]

### **PENALTIES**

**447.990 Penalties.** (1) Violation of any of the provisions of ORS 447.010 to 447.140 or the lawful rules and regulations made by the board pursuant to ORS 447.010 to 447.140 or any lawful order issued by any state, county or municipal health officer, pursuant to ORS 447.010 to 447.140, is punishable, upon conviction, by a fine of not more than \$100, or by imprisonment of not more than 60 days, or by both.

(2) Any violation of ORS 447.610 to 447.730 is a misdemeanor and punishable as such.

[Subsection (2) enacted as 1957 c.278 §21]

### **CERTIFICATE OF LEGISLATIVE COUNSEL**

Pursuant to ORS 173.170, I, Robert W. Lundy, Legislative Counsel, do hereby certify that I have compared each section printed in this chapter with the original section in the enrolled bill, and that the sections in this chapter are correct copies of the enrolled sections, with the exception of the changes in form permitted by ORS 173.160 and other changes specifically authorized by law.  
Done at Salem, Oregon,  
on December 1, 1971.

Robert W. Lundy  
Legislative Counsel

