

Ordinance No.

*Adopt the State of Oregon, 1996 Editions of the Structural Specialty Code, Mechanical Specialty Code, One and Two Family Dwelling Specialty Code and Plumbing Specialty Code (Ordinance; amend Titles 24, 25, 26, 27 and 32)

The City of Portland ordains

Section 1. The Council finds:

1. That pursuant to ORS 455.150, the City administers the provisions of the State Building Code which includes the Specialty Codes as adopted by the Building Codes Division of the Oregon Department of Consumer and Business Services and adopts these codes by reference into the Code of the City of Portland.
2. That as of April 1, 1996, new editions of the Structural Specialty Code, Mechanical Specialty Code, One and Two Family Dwelling Specialty code and Plumbing Code will be effective throughout the State of Oregon.
3. That ORS 455.040 requires that the State Building Code be uniform throughout the State of Oregon.

NOW, THEREFORE, the Council directs:

- a. Sections 24.10.040 (a) and (d) are amended to read as follows:

24.10.040 Codes.

(a) **Structural Specialty Code.** The provisions of the State of Oregon, [1993] 1996 Edition, Structural Specialty Code, as published by the International Conference of Building Officials known as the Uniform Building Code (UBC), Volumes 1 through 3, 1994 Edition and amended by the [Oregon] Building Codes [Agency] Division of the Oregon Department of Consumer and Business Services, hereafter referred to as the Structural Specialty Code, is hereby adopted by reference. The Structural Specialty Code is on file in the City Auditor's Office.

The Uniform Building Code Standards which are referred to in various parts of this Title shall be the Uniform Building Code Standards included in the Uniform Building Code referenced above [set forth in the 1991 Edition entitled "Uniform Building Code Standards," a copy of which is filed with the City Auditor, and by reference made a part of this Title].

(d) **One and two family dwelling code.** The provisions of the State of Oregon, [1993] 1996 Edition, One and Two Family Dwelling Specialty Code, as published by the Council of American Building Officials known as the CABO One and Two Family Dwelling Code, 1995 Edition, and amended by the Building Codes [Agency] Division of the Oregon Department of Consumer and Business Services, is hereby adopted by reference. The One and Two Family Dwelling Code is on file [in the Permit Center at the Bureau of Buildings] in the City Auditor's Office.

- b. Sections 24.10.070 (b), (c) and (g) are amended to read as follows:

24.10.070 Application for Permits

(b) For exempted work see Chapter [3 of the State Building] 1 of the Structural Specialty Code.

(c) Plans and specifications. Plans, engineering diagrams, and other data shall be submitted in three sets with each application, and shall comply with the requirements of Chapter [3 of the State Building] 1 of the Structural Specialty Code. If a structural design is required, computations, stress diagrams, computer data, and such additional data as required by the Director, sufficient to show the correctness of the plans and compliance with the structural provision of this Title shall be submitted. The above data shall include a brief summary of all basic assumptions, design methods, structural systems, loading, lateral bracing systems, and a table of contents of the computations. Computer calculations submitted as substantiation of the design shall include a copy of the program users manual for each program, definition, sketches, index of data runs and property identified input and output listings. For other than nationally recognized programs, the correctness of the program shall be substantiated in a manner acceptable to the Director, or when required under ORS 672 (State Engineering Law) or ORS 671 (State Architectural Law), plans shall be prepared and certified by an architect or registered professional engineer licensed to practice in the State of Oregon.

(g) Issuance of permits. Issuance of permits shall be in accordance with Chapter [3 of the State Building] 1 of the Structural Specialty Code provided that plans for all commercial buildings and any off-street parking area where the parking of three or more cars is to be established shall be approved by the city Engineer and the City Traffic Engineer before a building permit may be issued.

- c. Section 24.15.160 is amended to read as follows:

24.15.160 Service Station Site.

A service station site shall mean premises improved as a [group B1] Group S, Division 3 occupancy for use as automobile or truck service stations used for supplying fuel, oil, minor accessories, and trailers, excluding body and fender repair for passenger automobiles, trucks and truck trailers at retail direct to the customer.

- d. Section 24.20.010 is amended to read as follows:

24.20.010 General.

A. In addition to the inspections required under Section [305 of the State Building] 108 of the Structural Specialty Code, the owner or the owner's agent shall employ a Special Inspector during construction of the types of work specified in Section [306 of the State Building] 1701 of the Structural Specialty Code or for cases specifically required by the Director.

- e. Section 24.25.030 is amended to read as follows:

24.25.030 Direction of City Engineer.

No building shall be moved across or along any street until the route to be followed and the time allowed for moving has been submitted to the City Engineer and approved by him. Moving shall be under the direction of the City Engineer. For regulations covering the use of public streets see Chapter [44 of the State Building] 33 of the Structural Specialty Code.

f. Section 24.40.010 (c) is amended to read as follows:

24.40.010 Street Use

(c) On the public sidewalk, in front of the construction site, except on those sidewalks required to be kept open.

A street use permit shall be issued for a minimum of 1 week and a maximum period of 90 days. The permit may be extended if in the judgement of the Director an extension is warranted by existing conditions. The use of the street by persons holding a permit and/or the fencing-off of street space shall not be continued longer than is necessary. If the permit for street use is within the Special Traffic Control Districts outlined in Section 17.23.030, the prior approval of the City Engineer must be obtained if the street use extends beyond the curb line.

When work not requiring a building permit is undertaken for maintenance of buildings or structures in the congested areas where parking meters are located, the person undertaking such work shall not close off any portion of the sidewalk or roadway areas without first obtaining, subject to the approval of the Traffic Engineer, a street use permit; the time limit for such permit shall be as specified above. If the street use permit is within the special Traffic Control Districts outlined in Section 17.23.030, the prior approval of the City Engineer must be obtained if the street use extends beyond the curb line.

While work is in progress, a roped-off passageway not less than 4 feet in width shall be maintained for pedestrians[, t]. This passageway shall be no closer[,] than 6 feet horizontally from any scaffold, ladder, machinery, or equipment. The passageway shall be entirely contained within the existing sidewalk area. The Director may also require pedestrian protection as outlined in Chapter [44 of the State Building] 33 of the Structural Specialty Code.

In order to ensure coordination of construction activity with the Street area and to provide that the private and public needs are met, the Director may also require a preconstruction meeting as outlined in Section 24.10.090 of this Title.

g. Sections 24.50.060F.2. is amended to read as follows:

2. Residential construction. New construction and substantial improvement of any residential structure shall have the lowest floor, including basement, elevated to or above flood protection elevation. Floodproofing of "lowest floor" space is not permitted. Fully closed areas below lowest floor that are subject to flooding are prohibited. Fills required to elevate the lowest floor to the flood level shall comply with Chapter 24.70. Fill selection and placement shall recognize the effects of inundation from floodwaters on slope stability, fill settlement, and scour.

The minimum elevation at the top of the fill slope shall be at the base flood level. Minimum distance from any point of the building perimeter to the top of the fill slope shall be either 25 feet or twice the depth of fill at that point, whichever is the greater distance. Piling foundations required to elevate the lowest habitable floor to the flood protection level shall comply with [Section 2909 of the Uniform Building Code, latest edition] Section 1809 and 1808 of the Structural Specialty Code. Pilings shall be spaced no more than 10 feet apart, and reinforcement shall be provided for piling more than 6 feet above the ground level.

h. Section 24.55.200 is amended to read as follows:

24.55.200 Repair or Demolitions.

All structures which are required to be repaired or demolished under the provisions of this Chapter shall be subject to the requirements of Chapters 1 and [3] 34 of the State Building Code.

i. Section 24.70.080 is amended to read as follows:

24.70.080 Fills.

(d) Compaction of fill. All fills shall be compacted to a minimum relative dry density of 90 percent as determined [by UBC Standard No. 70-1] in accordance with ASTM Standard D-1557-78. Field density verification shall be determined in accordance with [UBC Standard No. 70-2] ASTM Standard D-1556-82 or equivalent and must be submitted for any fill 12 inches or more in depth where such fill may support the foundation for a structure. A higher relative dry density, or additional compaction tests, ore both, may be required at any time by the Director.

j. Section 24.85.040 is amended to read as follows:

24.85.040 Change of Occupancy.

The following table shall be used to classify the relative hazard of all building occupancies:

Relative Hazard	Occupancy Classification
5 (Highest)	A, E, I except 1.2 & 1.3, H-1, H-2, H-3, H-6, H-7
4	R-1, SR
3	B[-2] Offices, Dining and Drinking Establishments, I-1.2, I-1.3
2	B[-2] All Others, [B-1, B-3, B-4] <u>F, M, S</u> , H-4, H-5
1	R-3, [M] <u>U</u>

An occupancy change to the same or a lower relative hazard classification number will not require seismic improvements, unless the change results in an occupant load increase of more

than 20%.

An occupancy change to a higher relative hazard classification number will not require seismic improvements, when the net floor area of the changed portion occupies less than 15% of the net floor area of a building and where the change does not result in an increase in occupant load as defined by the [State Building] Structural Specialty Code of more than 100 persons.

All other changes to a higher relative hazard occupancy will require seismic improvements using the current edition of the Oregon Structural Specialty Code.

k. Section 25.01.020 is amended to read as follows:

25.01.020 Scope - Oregon Plumbing Specialty Code.

This Title shall apply to all plumbing done within the City, except sewer facilities installed by the City Engineer through contract or by City work force in any public place or right-of-way for the disposal of sanitary or storm drainage; and water supply facilities installed by the Water Engineer through contract or City work force in any public place or right-of-way for supplying the water service.

The provisions of the Uniform Plumbing Code, [1991] 1994 edition, including appendix and installation standards, published by the International Association of Plumbing and Mechanical Officials, as amended by the [State of Oregon,] Building Codes [Agency] Division of the Oregon Department of Consumer and Business Services, and known as the 1992 edition of the Oregon Plumbing Specialty Code, [three copies of which are on file in the Office of the City Auditor,] hereby are adopted by reference [and such provisions shall apply within the City except as to matters specifically covered by the provisions set forth in this Title, and in all cases where specific provision of this Title applies, such provision shall control notwithstanding any contrary provisions of said Oregon Plumbing Specialty Code]. The Plumbing Specialty Code is on file in the City Auditor's Office.

l. Section 26.16.015 of Title 26 is repealed.

m. Section 26.16.020 is amended to read as follows:

26.16.020 One and Two Family Dwelling Code

The provisions of the State of Oregon , [1993] 1996 Edition, One and Two Family Dwelling Specialty Code, as published by the Council of American Building Officials known as the CABO One and Two Family Dwelling Code, 1995 Edition, and amended by the Building Codes [Agency] Division of the Oregon Department of Consumer and Business Services, is hereby adopted by reference. The One and Two Family Dwelling Code is on file [in the Permit Center at the Bureau of Buildings] in the City Auditor's Office.

n. Sections 27.01.030 (a) and (b) are amended to read as follows:

27.01.030 Scope

(a) Mechanical Specialty Code. [The provisions of the Uniform Mechanical Code, including the appendix, promulgated and published by the International Conference of Building Officials, as amended by the Oregon Building Codes Agency, and known as the State of Oregon, 1993 Edition, Mechanical Specialty Code, hereafter referred to as the Mechanical Specialty Code, one copy of which is on file in the office of the City Auditor, hereby are adopted by reference and such provisions shall apply within the City, except as to matters specifically covered by the provisions set forth in this Title, and in all cases where specific provisions of this Title apply such provisions shall control notwithstanding any contrary provisions of said Mechanical Specialty Code.] The provisions of the State of Oregon, 1996 Edition, Mechanical Specialty Code, as published by the International Conference of Building Officials known as the Uniform Mechanical Code (UMC) 1994 Edition and amended by the Building Codes Division of the Oregon Department of Consumer and Business Services, hereafter referred to as the Mechanical Specialty Code, is hereby adopted by reference. The Mechanical Specialty Code is on file in the City Auditor's Office.

[EXCEPTION: Uniform Mechanical Code Standard No. 5-1 Tank, Piping and Valves for Oil Burning Appliances, is deleted from this Title. They are regulated by the Fire Marshal's Office under Title 31 adopted by Ordinance No. 130672.]

[EXCEPTION: Boilers and pressure vessels are regulated by the State of Oregon Boiler and Pressure Vessel law adopted under ORS 480.510 to 480.615 and OAR 814-25-003 through 814-25-100.]

Unless specifically provided for in other Chapters of this Code, where requirements of this Title do not provide for or are not fully detailed with regard to processes, methods, specifications, equipment testing and maintenance standards of design performance and installation, and other pertinent criteria, applicable standards and recommendations of the National Fire Protection Association (hereinafter referred to as N.F.P.A.) as set forth in its National Fire Codes, current edition, shall apply.

[For the purposes above stated, three sets of the N.F.P.A. National Fire Codes, current Edition, are filed with the City Auditor and kept available for public reference.]

In the following Chapters references may have been made to equipment not governed by this Code, in which case other Code or Codes shall apply.

[The Sections of this Title are numbered to correspond with State Mechanical Specialty Code Section. (Example: 27.010.030 deals with scope, as does U.M.C. 103.)]

(b) One and Two Family Dwelling Code. The provisions of the State of Oregon, [1993] 1996 Edition, One and Two Family Dwelling Specialty Code, as published by the Council of American Building Officials known as the CABO One and Two Family Dwelling Code, 1995 Edition, and amended by the Building Codes [Agency] Division of the Oregon Department of Consumer and Business Services, is hereby adopted by reference. The One and Two Family Dwelling Code is on file [in the Permit Center at the Bureau of Buildings] in the City Auditor's Office.

- o. Section 27.01.035 of Title 27 is repealed.
- p. Section 32.04.020 A is amended to read as follows:

32.04.020 Construction

A. General. The supports and materials used in construction for all signs, sign structures and awnings shall be placed in or upon private property and shall be securely built, constructed and erected in conformity with the requirements of the State Building Code and the provisions of this Title. Awnings shall comply with the provisions of Chapter [45 of the State Building] 32 of the Structural Specialty Code except that they are not required to be retractable.

Section 2. Inasmuch as the State of Oregon, 1996 Edition Specialty codes become effective in Oregon on April 1, 1996, these amendments will become effective April 1, 1996.

Section 3. The Council declares that an emergency exists, and in order to avoid misunderstanding as to the application of the Specialty codes within the City of Portland, the City's Building, Plumbing, Electrical, Heating and Ventilating, and Sign and Awning Regulations must be amended without undue delay; therefore, this ordinance shall be in full force and effect on April 1, 1996.

Passed by Council, **MAR 27 1996**

Barbara Clark
Auditor of the City of Portland

By *Britta Olson*

Commissioner Gretchen Kafoury
March 18, 1996

Deputy

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Agenda No.

ORDINANCE NO.

169905

Title

*Adopt the State of Oregon, 1996 Editions of the Structural Specialty Code, Mechanical Specialty Code, One and Two Family Dwelling Specialty Code and Plumbing Specialty Code. (Ordinance; amend Titles 24, 25, 26, 27 and 32)

INTRODUCED BY Commissioner Gretchen Kafoury	Filed: MAR 22 1996
	Barbara Clark Auditor of the City of Portland
NOTED BY COMMISSIONER	
Affairs <i>[Signature]</i>	By: <u>Cay Kershner</u> Deputy
Finance and Administration	
Safety	
Utilities	
Works	
BUREAU APPROVAL	
Bureau: Bureau of Buildings	
Prepared by Date	
Kermit Robinson;jp 3/18/96	
Budget Impact Review:	
Completed <input checked="" type="checkbox"/> Not Required	
Bureau Head <i>[Signature]</i> Margaret M. Mahoney	
	For Meeting of: _____
	ACTION TAKEN:

AGENDA	FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:	
		YEAS	NAYS
Consent <input checked="" type="checkbox"/> Regular	Blumenauer		
NOTED BY	Hales		
City Attorney <i>[Signature]</i>	Kafoury		
City Auditor	Lindberg		
City Engineer	Katz		