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WP0463C-ORD
07/13/95

CITY OF BELLEVUE, WASHINGTON

ORDINANCE NO. 4778

AN ORDINANCE amending the Construction Code Administration Code, Building Code, Electrical Code, Mechanical Code and Plumbing Code; repealing the Radon Measuring Devices Code; amending Bellevue City Code 23.50.040, 23.05.150, 23.10.010, 23.10.031, 23.10.111, 23.10.112, 23.10.118, 23.10.120, 23.10.121, 23.10.122, 23.10.124, 23.30.025, 23.30.070, 23.30.110, 23.30.130, 23.50.010, 23.60.010, 23.60.025; adopting a new Section 23.30.100, and repealing Chapter 23.80 and Sections 23.10.057, 23.10.113, 23.30.060, 23.30.100 and 23.60.030 of the Bellevue City Code.

THE CITY COUNCIL OF THE CITY OF BELLEVUE, WASHINGTON, DOES ORDAIN AS FOLLOWS:

Section 1. Bellevue City Code 23.05.040, and Section 1 (part) of Ordinance No. 4408, are amended to read as follows:

23.05.040 Definitions.

For the purpose of this chapter, certain terms, phrases, words and their derivatives shall have the meanings set forth in this section. Where terms are not defined, they shall have their ordinarily accepted meanings within the context with which they are used. Webster's Third New International Dictionary of the English Language, Unabridged, copyright 1986, shall be considered as providing ordinarily accepted meanings. Words used in the singular include the plural and the plural the singular. Words used in the masculine gender include the feminine and the feminine the masculine.

A. "Addition" means an extension or increase in floor area or height of a building or structure.

B. "Alter" or "alteration" means a change or modification of a building, structure or building service equipment.

C. "Approved," as to materials, types of construction, equipment and systems, means and refers to approval by the building official as the result of investigation and tests conducted by the building official, or by

reason of accepted principles or tests by recognized authorities, technical or scientific organizations.

D. "Approved agency" means an established and recognized agency regularly engaged in conducting tests or furnishing inspection services, when the agency has been approved by the building official.

E. "Building" means a structure used or intended for supporting or sheltering a use or occupancy.

F. "Building code" means the Uniform Building Code promulgated by the International Conference of Building Officials, as adopted by the city in Chapter 23.10 BCC.

G. Building, Existing. "Existing building" means a building erected prior to the adoption of this code, or one for which a legal building permit has been issued.

H. "Building official" means the officer or other designated authority charged with the administration and enforcement of this code, or a regularly authorized deputy thereof.

I. "Building service equipment" means and refers to the plumbing, mechanical and electrical equipment including piping, wiring, fixtures and other accessories which provide sanitation, lighting, heating, ventilation, cooling, refrigeration, firefighting and transportation facilities essential to the occupancy of the building or structure for its designated use.

J. "Code" means Chapter 23.05 BCC.

K. "Complete response" means an adequate response to all requests from city staff in sufficient detail to allow the application to be processed.

L. "Dangerous buildings code" means the Uniform Code for the Abatement of Dangerous Buildings promulgated by the International Conference of Building Officials, as adopted by the city.

M. "Electrical code" means the National Electrical Code promulgated by the National Fire Protection Association, as adopted by the city in Chapter 23.30 BCC.

N. "Energy code" means the Washington State Energy Code promulgated by the Washington State Building Code Council, as adopted by the city in Chapter 23.10 BCC.

O. "Housing code" means the Uniform Housing Code promulgated by the International Conference of Building Officials, as adopted by the city in Chapter 23.10 BCC.

P. "Listed" and "listing" are terms referring to equipment or materials included in a list by an approved testing laboratory, inspection agency or other organization concerned with product evaluation that maintains periodic inspection of current production of listed equipment or materials. The published list shall state that the material or equipment complies with approved nationally recognized codes, standards or tests and has been tested or evaluated and found suitable for use in a specified manner.

Q. "Mechanical code" means the Uniform Mechanical Code promulgated by the International Conference of Building Officials as adopted by the city in Chapter 23.50 BCC.

R. "Occupancy" means the purpose for which a building, or part thereof, is used or intended to be used.

S. "Owner" means any person, agent, firm or corporation having a legal or equitable interest in the property.

T. "Permit" means an official document or certificate issued by the building official authorizing performance or a specified activity.

U. "Person" means a natural person, heirs, executors, administrators or assigns, and also includes a firm, partnership or corporation, its or their successors or assigns, or the agent of any of the aforesaid.

V. "Plumbing code" means the Uniform Plumbing Code promulgated by the International Association of Plumbing and Mechanical Officials, as adopted by the city in Chapter 23.60 BCC.

W. "Protective parking devices" means those devices regulated by Chapter 23.18 BCC.

X. "Repair" means the reconstruction or renewal of any part of an existing building, structure or building service equipment for the purpose of its maintenance.

Y. Shall. "Shall" as used in this chapter, is mandatory.

Z. "Structure" means that which is built or constructed, an edifice or building of any kind, or any piece of work artificially built up or composed of parts joined together in some definite manner.

AA. "Structural Observation" means the visual observation of the structural system, for general conformance to the approved plans and specifications, at significant construction stages and at completion of the structural system. Structural observation does not include or waive the responsibility for the inspections required by Uniform Building Code Section 108, 1701 or other sections of this code.

BB. "Swimming pool code" means the Uniform Swimming Pool, Spa and Hot Tub Code promulgated by the International Association of Plumbing and Mechanical Officials, as adopted by the city in Chapter 23.14 BCC.

CC. "Technical codes" means and refers to the following: the Uniform Building Code, Chapter 23.10 BCC, the Uniform Mechanical Code, Chapter 23.50 BCC; the Uniform Plumbing Code, Chapter 23.60 BCC; the Uniform Swimming Pool and Hot Tub Code Chapter 23.14 BCC; National Electric Code, Chapter 23.30 BCC; Uniform Fire Code, Chapter 23.11 BCC; Uniform Housing Code, Chapter 23.10 BCC; Protective Parking Devices, Chapter 23.18 BCC; Uniform Building Security Code, Chapter 23.10 BCC; Washington State Energy Code, Chapter 23.10 BCC; Washington State Ventilation and Indoor Air Quality Code, Chapter 23.10 BCC.

DD. "UBC standards" means the Uniform Building Code Standards volume promulgated by the International Conference of Building Officials, as adopted by the city.

EE. "Valuation" or "value," as applied to a building and its building service equipment, means and shall be the estimated cost to replace the building and its building service equipment in kind, based on current replacement costs.

FF. "Ventilation code" means the Washington State Ventilation and Indoor Air Quality Code promulgated by the Washington State Building Code Council, as adopted by the city under Chapter 23.10 BCC.

Section 3. Bellevue City Code 23.05.090, and Section 1 (part) of Ordinance 4408, are amended to read as follows:

23.05.090 Authority

A. Enforcement Agency. The department of community development shall be responsible for enforcement of the technical codes under the administrative and operational control of the building official, who shall be appointed by the director of the department, provided, the Fire Chief or his designee shall be responsible for enforcement of the Fire Code.

B. General. Whenever the term or title "administrative authority," "responsible official," building official," "chief inspector," "code enforcement officer" or other similar designation is used in this chapter or in any of the technical codes, it shall be construed to mean the building official designated by the director of the department of community development, provided, with regard to the Fire Code it shall mean the Fire Chief or his designee.

Section 3. Bellevue City Code 23.05.150, and Section 1 (part) of Ordinance No. 4408, are amended to read as follows:

23.05.150 Application for permit.

A. Application. To obtain a permit, the applicant shall first file an application therefor in writing on a form furnished by the city for that purpose. Every such application shall comply with the city's submittal requirements for the applicable permit type and give such other data and information as may be required by the building official or state or city law.

B. Plans and Specifications. Plans, engineering calculations, diagrams and other data shall be submitted in one or more sets with each application for a permit. When such plans are not prepared by an architect or engineer, the building official may require an applicant to submit such plans or other data to demonstrate that state law does not require that the plans be prepared by a licensed architect or engineer. The building official may require plans, computations and specifications to be prepared and designed by an engineer or architect licensed by the state to practice as such even if not required by state

law. Submittals shall include construction inspection requirements as defined in subsection C of this section.

EXCEPTION: The building official may waive the submission of plans, calculations, construction inspection requirements, etc., provided it is found that the nature of the work applied for is such that reviewing of plans is not necessary to obtain compliance with this chapter and the technical codes.

C. Information on Plans and Specifications.

1. Plans and specifications shall be drawn to scale upon substantial paper or cloth and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of the technical codes and all relevant laws, ordinances, rules and regulations.

2. Plans for buildings more than two stories in height of other than Groups R, Division 3 and C Occupancies shall indicate how required structural and fire-resistive integrity will be maintained where a penetration will be made for electrical, mechanical, plumbing and communication conduits, pipes and similar systems.

D. Architect or engineer of record - General. When it is required that documents be prepared by an architect or engineer, the building official may require the owner to engage and designate on the building permit application an architect or engineer who shall act as the architect or engineer of record. If the circumstances require, the owner may designate a substitute architect or engineer of record who shall perform all of the duties required of the original architect or engineer of record. The building official shall be notified in writing by the owner if the architect or engineer of record is changed or is unable to continue to perform the duties.

The architect or engineer of record shall be responsible for reviewing and coordinating all submittal documents prepared by others, including deferred submittal items, for compatibility with the design of the building.

1. Deferred submittals. For the purpose of this section, deferred submittals are defined as those portions of the design which are not submitted at the time of the application and which are to be submitted to the building official within a specified period.

Deferral of any submittal items shall have prior approval of the building official. The architect or engineer of record shall list the deferred submittals on the plans and shall submit the deferred submittal documents for review by the building official.

Submittal documents for deferred submittal items shall be submitted to the architect or engineer of record who shall review them and forward them to the building official with a notation indicating that the deferred submittal documents have been reviewed and that they have been found to be in general conformance with the design of the building. The deferred submittal items shall not be installed until their design and submittal documents have been approved by the building official.

2. Inspection and observation program. When special inspection is required by Uniform Building Code Section 1701, the architect or engineer of record shall prepare an inspection program which shall be submitted to the building official for approval prior to issuance of the building permit. The inspection program shall designate the portions of the work that require special inspection and the name or names of the individuals or firms who are to perform the special inspections, and indicate the duties of the special inspectors.

The special inspector shall be employed by the owner, the engineer or architect of record, or an agent of the owner, but not the contractor or any other person responsible for the work.

When structural observation is required by Uniform Building Code Section 1702, the inspection program shall name the individuals or firms who are to perform structural observation and describe the stages of construction at which structural observation is to occur.

The inspection program shall include samples of inspection reports and provide time limits for submission of reports.

Section 4. Bellevue City Code 23.10.010 and Section 1 of Ordinance No 4403, are amended to read as follows:

23.10.010 Adoptions.

The following codes, all as amended, added to or excepted in this chapter, together with all amendments and additions provided in this title of this code, are adopted and shall be applicable within the city:

A. Uniform Building Code, 1994 Edition Volumes 1, 2 and 3, except, Sections, 102, 103, 104, 105, 106.3, 106.4, 107, 109 and Table No. 1-A, published by the International Conference of Building Officials, and State-Wide Amendments, Chapter 51-30 Washington Administrative Code, issued pursuant to Chapters 19.27 and 70.92 RCW are adopted and shall be applicable within the city, as amended, added to and excepted in this chapter, provided that the appendix to the Uniform Building Code is not adopted, except thatAppendix Chapter 31 Division II is adopted;

B. Uniform Housing Code, 1994 Edition, published by the International Conference of Building Officials;

C. Washington State Ventilation and Indoor Air Quality Code pursuant to Chapter 19.27A RCW and Chapter 15-13 WAC;

D. Washington State Energy Code, as provided in RCW 19.27A.010(6) and Chapter 51-11 WAC;

E. Uniform Swimming Pool, Spa and Hot Tub Code, 1991 Edition, published by the International Association of Plumbing and Mechanical Officials, except for Sections 1.0, 1.1, 1.5, 1.6, 1.7, 1.10, 1.11, 1.14, 1.15, 1.16, 1.17 and 1.18, which are not adopted;

F. Uniform Building Security Code, 1994 Edition, published by the International Conference of Building Officials;

G. Uniform Code for the Abatement of Dangerous Buildings, 1994 Edition, published by the International Conference of Building Officials.

All codes, standards, rules and regulations adopted by this section are adopted by reference thereto as though fully set forth in this chapter. Not less than one copy of each code, standard, rule or regulation, in the form in which it was adopted, and suitably marked to indicate amendments, additions, deletions and exceptions as provided in this chapter, shall be filed in the city clerk's office and be available for use and examination by the public.

Section 5. Bellevue City Code 23.10.031, and Section 4 of Ordinance No. 4403, are amended to read as follows:

23.10.031 Uniform Building Code Section 106.2 amended - Work exempt from permit.

Uniform Building Code Section 106.2 is amended to read as follows:

(b) Work Exempt from Permit. A building permit shall not be required for the following:

1. One-story detached accessory buildings used as tool and storage sheds, playhouses and similar uses, provided the projected roof area does not exceed 120 square feet (11.15 meters squared)
2. Fences not over 8 feet (2438 mm) high.
3. Oil derricks.
4. Movable cases, counters and partitions not over 5 feet 9 inches high (1753mm).
5. Retaining walls which are not over 4 feet in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding flammable liquids.
6. Water tanks supported directly upon grade if the capacity does not exceed 5,000 gallons (18,2927L) and the ratio of height to diameter above grade does not exceed two to one.
7. Platforms, walks and driveways not more than 30 inches (762mm) above grade and not over any basement or story below.
8. Painting, papering and similar finish work.
9. Temporary motion picture, television and theater stage sets and scenery.
10. Window awnings supported by an exterior wall of Group R, Division 3, and Group M Occupancies when projecting not more than 54 inches (1,372mm).
11. Prefabricated swimming pools accessory to a Group R, Division 3 Occupancy in which the pool walls are entirely above the adjacent grade and if the capacity does not exceed 5,000 gallons (18,927 L).

Unless otherwise exempted, separate plumbing, electrical and mechanical permits will be required for the above-exempted items.

Exemptions from the permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of the city.

Section 6. Bellevue City Code 23.10.057, and Section 9 of Ordinance No. 4403, are repealed.

Section 7. Bellevue City Code 23.10.111, and Section 11 of Ordinance No. 4403, are amended to read as follows:

23.10.111 Uniform Building Code Section 403.5 amended - Fire Alarm and communications systems.
Section 403.5 of the Uniform Building Code, as adopted by this Chapter, is amended to read as follows:

(e) Alarm and Communications Systems. The alarm and communications systems shall be designed and installed so that damage to any terminal unit or speaker will not render more than one zone of the system inoperative.
The voice alarm and public address system may be a combined system. Manual fire alarm stations shall be provided adjacent to each exit of each floor and at other locations designated by the building official. Adjacent to the building's telephone switchboard and/or security station, if provided, shall be a means of activating the manual alarm for any floor in the building. The central control station shall have the capability of activating the alarm on any or all floors. Three communications systems which may be combined as set forth above shall be provided as follows:

1. Voice alarm system. The operation of any smoke detector, sprinkler, water flow device or manual fire alarm station shall automatically sound an alert signal to the desired areas followed by voice instructions giving appropriate information and direction to the occupants. The central control station shall contain controls for the voice alarm system so that a selective or general voice alarm may be manually initiated. The system shall be supervised to cause the activation of an audible trouble signal in the central control station upon interruption or failure of the audiopath including amplifiers, speaker wiring, switches and electrical contacts and shall detect opens, shorts and grounds which might impair the function of the system. The alarm shall be heard clearly by all occupants within the building or designated portions thereof as is required for the public address system.

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2. Public address system. A public communications system clearly heard by all occupants of the building shall operate from the central control station. It shall be established on a selective or general basis to the following terminal areas:

A. Elevators.
B. Elevator lobbies.
C. Corridors.
D. Exit stairways.
E. Rooms and tenant spaces exceeding 1,000 square feet in area.
F. Dwelling units in apartment houses.
G. Hotel guest rooms or suites.
H. Any place of assembly.
I. Fire pump rooms and emergency generator rooms.

3. Fire department communications system. A two-way fire department communication system shall be provided for fire department use. It shall operate between the central control station and every elevator, elevator lobby, and entry into enclosed stairways, and other locations where deemed necessary for fire department operations.

Section 8. Bellevue City Code 23.10.112, and Section 12 of Ordinance No. 4403, are amended to read as follows:

23.10.112 Uniform Building Code Section 403.6.1 amended - Central control station.

Section 403.6.1 of the Uniform Building Code, as adopted by this chapter, is amended to read as follows:

Central Control Station - General. A central control station shall be located in a room directly accessible from the exterior of the building along a main building frontage or other location approved by the fire chief. The room shall be separated from the remainder of the building as required for a one hour fire resistive occupancy separation. The room shall contain the following at a minimum.

1. The voice alarm and public address system panels.
2. The fire department communications panels.
3. Fire detection and alarm system annunciator panels.
4. Annunciator visually indicating the location of the elevators and whether they are operational.
5. Status indicators and controls for air-handling systems. Air-handling systems which are required to be on for pressurization or smoke

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evacuation shall be provided with an end of line detector which shall indicate actual operation of the fans. Fan control switches shall be provided with an on, off and normal setting.

6. Controls for unlocking all stairway doors simultaneously.
7. Sprinkler valve and water flow detector display panels.
8. Emergency and standby power controls including manual start and transfer features and status indicators.
9. A telephone for fire department use with controlled access to the public telephone system.
10. Status indicators for fire pumps.
11. A pressure gauge indicating the pressure within the standpipe at the control station level.
12. A rack or other appropriate storage provided with architectural, electrical and mechanical plans showing the typical floor plan and detailing the building core, exit facilities, fire protection systems, fire fighting equipment and fire department access.
13. A work table.
14. A wall display showing a cross-section of the building with annunciators for each floor indicating the type or types of alarm activation, whether the evacuation alarm has sounded on the floor, and whether the air handling equipment for the floor is on, off or in a smoke evacuation mode. The display board shall be suitable for marking on with a grease pencil.
15. A wall display showing a plot and area plans suitable for marking on with a grease pencil. This plan shall also indicate locations of stairways, elevators and other vertical shafts.

All control panels in the central control station shall be permanently identified as to function.

Alarm, supervisory and trouble signals as required by Items 3 and 7 above shall be annunciated in compliance with the Fire Code in the central control station by means of an audible and visual indicator. For the purposes of annunciation, zoning shall be in accordance with the following:

1. When the system services more than one building, each building shall be considered separately.
2. Each floor shall be considered a separate zone. When one or more sprinkler risers serve the same floor, each riser shall be considered a separate zone.

The design of this room including the location and arrangement of all panels and control shall be approved by the fire chief.

Section 9. Bellevue City Code 23.10.113, and Section 13, of Ordinance No. 4403, are repealed.

Section 10. Bellevue City Code 23.10.118, and Section 14 of Ordinance No. 4403, are amended to read as follows:

23.10.118 Uniform Building Code Section 3301.3 amended - Permits required for excavation and shoring.
Section 3301.3 of the Uniform Building Code, Excavations and Fills, is amended by the addition of the following subsections:

1. Excavation and Shoring Near Improved Public Places.

No person, firm or corporation shall excavate and/or install shoring in excess of four feet, measured vertically, on private property within any area between the vertical prolongation of the margin of an improved public place and a 100 percent slope line (45 from a horizontal line) from the existing elevation of the margin of the traveled surface of an improved public place to the proposed elevation of the private property (See plate No. 1) without first obtaining a permit from the building official to do so, and no work shall commence toward such excavation and shoring until a permit therefor has been issued by the building official. Improved public place means any street, alley, easement for water, sewer or storm drainage, or similar parcel of land which is deeded, dedicated or otherwise permanently made available to the City or public for city or public use.
The permit required hereunder is in addition to any permits required under Chapter 23.76 BCC. No person, firm or corporation shall leave any excavation for which a permit is required within four feet of any public place, or in such other place as the building official determines to be hazardous, without providing adequate barricades and warning devices to protect the public, or shall fail to maintain the lateral support of any public place.

2. Assignment of Savings on Applications for Permits.

If the building official determines that there is a possibility of injury, damage or expense to the City arising from an applicant's work or proposed use of any public place, the applicant shall execute and file an assignment of savings. The amount of the assignment of savings shall be determined by the building official at the time of approving the application based on the estimated amount and extent of the potential injury, damage, or expense to the City. The applicant shall file the same with the building official before receiving a permit. The City may use such assignment of savings to pay for any injury, damage or expense the City may sustain in conjunction with the permitted work. The balance of the assignment of savings, if any after such deductions, shall be returned to the

applicant. If the assignment of savings is insufficient, the applicants will be liable for the deficiency. Upon notice to the applicant, the building official may at any time increase or reduce the amount required deposit or waive same as conditions warrant.

3. Expiration.

Every permit issued by the building official under the provisions of BCC 23.10.118 shall be subject to all provisions of BCC 23.05.160.

4. Permit Fees.

The fee for each permit shall be as set forth in the fee ordinance, as now or hereafter amended.

5. Compliance.

All solder piles and other materials used for shoring purposes shall be removed from public places and adjacent property as part of and prior to completion of the construction project in accordance with the plans approved by the building official or as modified with his approval, unless the permit provides otherwise.

Section 11. Bellevue City Code 23.10.120, and Section 1 of Ordinance No. 4292, are amended as follows:

23.10.120 Uniform Building Code Section 904 amended - Sprinkler systems.

Section 904.2.2 of the Uniform Building Code, as adopted by this chapter, is amended to read as follows:

All Occupancies, Except Group R, Division 3 and Group U. Except for Group R, Division 3 and Group U Occupancies, an automatic sprinkler system shall be installed:

1. In every story or basement of all buildings where the floor area exceeds 1,500 square feet (139.4meters squared) and there is not provided at least 20 square feet (1.86 meters squared) of opening entirely above the adjoining ground level in each 50 lineal feet (15,240 mm) or fraction thereof of exterior wall in the story or basement on at least one side of the building. Openings shall have a minimum dimension of not less than 30 inches (762mm). Such openings shall be accessible to the Fire Department from the exterior and shall not be obstructed in a manner that firefighting or rescue cannot be accomplished from the exterior.

When openings in a story are provided on only one side and the opposite wall of such story is more than 75 feet (22,860 mm) from such openings, the story shall be provided with an approved automatic sprinkler system, or openings as

specified above shall be provided on at least two sides of an exterior wall of the story.

If any portion of the building is located more than 75 feet (22,860 mm) from the openings required in this section, the basement shall be provided with an approved automatic sprinkler system.

2. At the top of rubbish and linen chutes and in their terminal rooms. Chutes extending through three or more floors shall have additional sprinkler heads installed within such chutes at alternate floors. Sprinkler heads shall be accessible for servicing.

3. In rooms where nitrate film is stored or handled.

4. In protected combustible fiber storage vaults as defined in the Fire Code.

5. Throughout all buildings with a floor used for human occupancy that is located 75 feet (22,860 mm) or more above the lowest level of fire department access.

EXCEPTIONS: 1. Airport control towers. 2. Open parking structures. 3. Group F, Division 2 Occupancies.

6. Throughout all buildings of 4 or more stories.

7. Throughout all buildings where the total floor area, including basements, exceeds 10,000 square feet. For purposes of this paragraph, portions of buildings separated by one or more area separation walls with not be considered a separate building. Existing buildings shall comply with this section when an addition is made to the building and the total floor area, including the basements, of the existing building and the addition combined exceeds 10,000 square feet, or when the value of a structural alteration or repair of an existing building 10,000 square feet in area or greater exceeds 50 percent of the assessed valuation of such existing building, or exceeds 50 percent of the recognized replacement cost of the structure, without consideration of depreciation, as determined under The Marshall Valuation Service Cost Handbook, whichever is greater.

Section 12. Bellevue City Code 23.10.121, and Section 13 of Ordinance No. 3320, are amended to read as follows:

23.10.121 Uniform Building Code Section 1003.5 amended - Exits through adjoining rooms.
Section 1003.5 of the Uniform Building Code, as adopted by this chapter, is amended to read as follows:

Exits Through Adjoining Rooms. Rooms may have one exit through an adjoining or intervening room which provides a direct, obvious and unobstructed means of travel to an exit corridor, exit enclosure or until egress is provided from the building, provided the total distance of travel does not exceed that permitted by other provisions of this code. In other than dwelling units, exits shall not pass through kitchens, storerooms, restrooms, closets or spaces used for similar purposes. Exits shall also not pass through an adjoining room when that room is under the control of another occupant.
EXCEPTIONS:

1. Rooms within dwelling units may exit through more than one intervening room.

2. Rooms with a cumulative occupant load of 10 or less may exit through more than one intervening room.

Foyers, lobbies and reception rooms constructed as required for corridors shall not be construed as intervening rooms.

Section 13. Bellevue City Code 23.10.122, and Section 20 of Ordinance No. 4073, are amended to read as follows:

23.10.122 Uniform Building Code Section 904.2.3 amended - Group A occupancies.
Section 904.2.3.1 of the Uniform Building Code, as amended by this chapter, is amended to read as follows.

1. Drinking and Dining Establishments. An automatic sprinkler system shall be installed throughout Group A drinking or dining establishments when the total area of assembly uses and unseparated rooms exceeds 5,000 square feet. For uses to be considered as separated, the separation shall be not less than is required for a one-hour occupancy separation.

Section 13. Bellevue City Code 23.10.124, and Section 22 of Ordinance No. 4073, are amended to read as follows:

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23.10.124 Uniform Building Code Section 904.2.8 amended - Sprinkler systems.
Section 904.2.8 of the Uniform Building Code, as adopted by this chapter, is amended to read as follows:

Group R, Division 1 Occupancies.

An automatic sprinkler system shall be installed throughout buildings that are two stories in height and contain 5 or more dwelling units or guest rooms that are three or more stories in height regardless of the number of dwelling units or guest rooms. For the purpose of this section portions of buildings separated by one or more area separation walls will not be considered a separate building.

Residential or quick-response standard sprinkler heads shall be used throughout buildings. Attics shall be protected by automatic sprinklers in a manner approved by the Chief.

Section 14. Bellevue City Code Chapter 23.16, and Section 1 of Ordinance No. 4409 and Section 27 and 28 of Ordinance No. 4073, are amended as follows:

Chapter 23.16
SWIMMING POOL ENCLOSURES

Sections:

23.16.010 Fences required - Specifications.

23.16.010 Fences required - Specifications.
All outdoor swimming pools, spas and hot tubs heretofore or hereafter constructed or presently under construction within the city shall be enclosed with a pool or yard fence of strength and design sufficient to resist the penetration of children, designed as a guardrail per Section 509, 1994 Uniform Building Code, and not less than four feet high. A residence on the premises may be part of either of said fences. Any doors or gates in said fences, other than residential doors, shall be of the self-closing and self-latching type, with the opening device operable from the inside or located at least 54 inches from highest grade at the gate.
EXCEPTIONS:

1. Where access to the pool is subject to Regulations for Barrier-Free Facilities, provision for access to the pool shall be designed to comply with the Barrier-Free Regulations.

2. Where a hot tub or spa is installed pursuant to Chapter 23.14 BCC, upon approval of the building official, a fence and gate may be replaced with a locking cover to assure supervised use of the spa or hot tub. Provided, any outdoor swimming pool, spa or hot tub which was constructed prior to adoption of Section 509, 1994 Uniform Building Code under this chapter need not comply with the terms of this section if such swimming pool, hot tub or spa is enclosed with pool or yard fence which complies with the city code provision regarding enclosures which was in effect at the time the enclosure was constructed.

Section 15. Bellevue City Code 23.30.020, and Section 1 of Ordinance No. 4405, are amended to read as follows:

23.30.020 National Electrical Code - Adopted as amended, added to and excepted. The National Electrical Code, 1993 Edition, and Laws, Rules and Regulations for Installing Electrical Wires and Equipment, issued pursuant to Chapter 19.28 RCW are adopted and shall be applicable within the city, as amended, added to or excepted in this chapter.

Section 16. Bellevue City Code 23.30.025, and Section 3 of Ordinance No. 4405, are amended to read as follows:

23.30.025 Permit exemptions.

A. An electrical permit shall not be required for the following:

1. Portable motors or other portable appliances energized by means of a cord or cable having an attachment plug end to be connected to an approved receptacle when that cord or cable is permitted by the National Electrical Code;

2. Repair or replacement of fixed motors, transformers or fixed approved appliances or devices rated 50 amps or less with the same type and rating in the same location;

3. Temporary decorative lighting;

4. Repair or replacement of current-carrying parts of any switch, conductor or control device;

5. Reinstallation of attachment plug receptacles, but not the outlets therefor;

6. Repair or replacement of any over current device of the required capacity in the same location;

7. Repair or replacement of electrodes or transformers of the same size and capacity for signs or gas tube systems;

8. Taping joints;

9. Removal of electrical wiring;

10. Temporary wiring for experimental purposes in suitable experimental laboratories;

11. Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy. Exceptions: a) electrical systems required by the technical codes for fire protection and building occupant safety (fire alarms, nurse call, public address systems, etc.). b) electrical systems installed in hazardous locations as defined in the National Electrical Code, Article 500 and WAC 296-46-130. c) electrical systems installed within 20 feet of swimming pools;

12. Low-energy power, control and signal circuits of Classes II and III as defined in the National Electrical Code;

13. A permit shall not be required for the installation, alteration or repair of electrical wiring, apparatus or equipment or the generation, transmission, distribution or metering of electrical energy or in the operation of signals or the transmission of intelligence by a public or private utility in the exercise of its function as a serving utility.

B. Exemption from the permit requirements of this code shall not be deemed to grant authorization for work to be done in violation of the provisions of the National Electrical Code or other laws or ordinances of the city.

Section 17. Bellevue City Code 23.30.060 is repealed.

Section 18. Bellevue City Code 23.30.070, and Section 33 (part) of Ordinance No. 4073, are amended to read as follows:

23.30.070 Temporary installation.

If the building official finds that the safety of life and property will not be jeopardized, permits may be issued for temporary electrical installations for use during the construction of buildings or for carnivals, conventions, festivals, fairs, the holding of religious services, temporary lighting of streets, or other approved uses. Permission to use such temporary installation shall not be granted for a greater length of time than 30 days, except that a permit for a temporary installation to be used for constructing of a building may be issued for the period of construction. Should such temporary lighting be over the street area, the proper authorization for such use of the street must first be obtained. All such temporary installations shall be made in a manner as nearly as practicable in conformance with the requirements of this code for permanent work; provided that the building official may permit deviations which will not

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permit hazards to life or property; and further provided that whenever such hazards are deemed by the building official to exist, the building official may at once rescind or cancel the permit covering such installation and disconnect, or order the disconnection of all energy to such equipment.

Section 19. Bellevue City Code 23.30.100, and Section 33 (part) of Ordinance No. 4073, are repealed.

Section 20. A new Section 23.30.100 of the Bellevue City Code is adopted to read as follows:

23.30.100 Service Entrance Conductors.
Service entrance conductors shall be installed in the following manner:

A. Minimum coverage shall be 24 inches below finished grade.

B. Distribution equipment and conductor shall be of the same rating.

C. Where current limiters are permitted, they shall be installed in an approved enclosure, and labeled "current limiters."

D. Where Section 230-95 (c) of the National Electrical Code applies, tests shall be performed by an approved testing agency.

1. In other single family dwellings the capacity of installed conductors shall be labeled on service distribution equipment when not of the same rating, and

2. Single family dwellings may be served with approved direct burial cable provided such cable shall be sleeved under paving, and installed to conform to Sections 230(d) and 300-5 of the National Electrical Code.

Section 21. Bellevue City Code 23.30.110, and Section 33 (part) of Ordinance No. 4073, are amended to read as follows:

23.30.110 Grounding procedures.
Electrical systems shall be grounded by one or all of the following means:

A. An approved conductor sized in accordance with Table 250-94 of the National Electrical Code attached by approved means to the concrete foundation reinforcing steel;

B. Two electrodes, rod or pipe that are eight feet in length, installed in the following manner and series-connected:

1. Electrodes of pipe or conduit shall be no smaller than three-quarter inch trade size and where iron or steel, shall have the outer surface galvanized or otherwise metal-coated for corrosion protection.

2. Electrodes of rods of steel or iron shall be at least five-eighths of an inch in diameter. Nonferrous rods or their equivalent shall be listed and shall not be less than one-half inch in diameter.

3. The two electrodes shall be installed no less than 16 feet apar. Concrete encased electrodes per National Electrical Code 250-81(c), shall be accepted only if inspected and approved prior to placing of concrete, Electrodes placed horizontally in a trench, and plate electrodes, shall not be approved without written approval from the building official. The upper end of the electrodes shall be flush or below ground level unless the above-ground end and the grounding electrode conductor attachment are protected against physical damage as specified in Section 250-117 of the National Electrical Code.

4. Section 250-83 of the National Electrical Code shall apply where none of the above are applicable.

C. All required grounding shall be fully installed and visible at rough in inspection.

D. Flexible metal conduit shall contain an equipment grounding conductor sized per national Electrical Code section 250-95.

Section 22. Bellevue City Code 23.30.130, and Section 33 (part) of Ordinance No. 4073, are amended to read as follows:

23.30.130 Raceways.
All premises shall be wired with approved raceways or M.C. cable except as further provided in this section. Raceways are not required for:

A. Single-family, duplex or multifamily dwellings not exceeding three stories above grade. For purposes of this section, grade is defined in the currently adopted Uniform Building Code;

B. Installations under Articles 720, 725, 770, 800, 810 and 820 of the National Electrical Code, when installed with approved materials. (Ord. 4073 § 33, 1989.)

Metal clad (M.C.) cable shall not be smaller than #14 AWG National Electrical Code copper, with a grounding conductor contained within the outer jacket, approved per National Electrical Code for use only with approved fittings.

Section 23. Bellevue City Code 23.50.010, and Section 1 of Ordinance No. 4406, are amended to read as follows:

23.50.010 Uniform Mechanical Code adopted, as amended, added to and excepted.
Uniform Mechanical Code, 1994 Edition, except Sections 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, Table 1-A, as published by the International Conference of Building Officials, and Washington Administrative Code Chapter 51-23, State Building code Adoption and Amendment of the 1994 Edition of the Uniform Mechanical Code issued pursuant to Chapter 19.27 RCW, are adopted and shall be applicable within the city, as amended, added to and excepted in this chapter.

Section 24. Bellevue City Code 23.60.010, and Section 1 of Ordinance No. 4407 are amended to read as follows:

23.60.010 Uniform Plumbing Code adopted as amended, added to and excepted.
The Uniform Plumbing Code, 1991 Edition, except part 1, together with standards included therein, as published by the International Association of Plumbing and Mechanical Officials, and Washington Administrative Code Chapters 51-26 and 51-27, State Building Code Adoption and State-Wide Amendments to the Uniform Plumbing Code issued pursuant to Chapter 19.27 RCW, are adopted and shall be applicable within the city, as amended, added to and excepted in this chapter. Appendices to the Uniform Plumbing Code are not adopted, except Appendix D, Rainwater Systems, is adopted.

Section 25. Bellevue City Code 23.60.025, and Section 3 of Ordinance No. 4407 are amended to read as follows:

23.60.025 Permit exemptions.

A. A permit will not be required for the following:

1. Stopping of leaks in drains, soil, waste or vent pipe, provided, however, that should any concealed trap, drainpipe, soil, waste or vent pipe become defective and it becomes necessary to remove and replace the same with new material, the same shall be considered as new work and a permit shall be procured and inspection made as provided in this chapter;

2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, or the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

3. Replacement of plumbing fixtures with fixtures of similar kind.

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B. Exemptions from the permit requirements of this chapter shall not be deemed to grant authorization for any work to be done in violation of the provisions of this chapter or any other laws or ordinances of the city.

Section 26. Bellevue City Code 23.60.030, and Section 43 (part) of Ordinance No. 4073, are repealed.

Section 27. Bellevue City Code 23.80, and Ordinance No. 4378, are repealed.

Section 28. This ordinance shall take effect and be in force thirty days after its final passage by the Council.

PASSED by the City Council this 17th day of July, 1995, and signed in authentication of its passage this 17th day of July, 1995.

(SEAL)

Donald S. Davidson, DDS, Mayor

Approved as to form:

Richard L. Andrews, City Attorney

Richard Gidley, Deputy City Attorney

Attest:

Myrna L. Basich, City Clerk

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