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CITY OF BELLEVUE, WASHINGTON

ORDINANCE NO. 2233

AN ORDINANCE relating to the Electrical Code of the City, and amending Section 1 of Ordinance 541, Sections 21, 25, and 27 of Ordinance 163, Section 2 of Ordinance 495, section 2 of Ordinance 1314, section 1 of Ordinance 1549, sections 3 and 5 Ordinance 1822 and Bellevue City Code, Sections 23.30.160, .210, .220, .225, .230, .250; repealing portion of section 27 of Ordinance 163, section 5 of Ordinance 1822, and Bellevue City Code, section 23.30.250(F) through (O) and 23.30.270, and adding new sections 23.30.225 and .227.

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

Section 1. Section 1 of Ordinance 541, and Bellevue City Code, Section 23.30.160 are hereby amended to read as follows:

23.30.160 Plans and specifications to be submitted - Acceptance.

Duplicate sets of printed documents on all proposed electrical installations for all occupancy buildings, (including I and J occupancies whenever more than twenty circuits are to be installed or greater than a two hundred amp service is required) shall be submitted to the city buildings department for review and inspection. The printed documents shall consist of reproductions of drawings or drawings and specifications, if specifications are necessary for proper interpretation of the drawings. The printed documents shall completely, clearly and accurately describe and define a proposed installation. A riser or feeder diagram shall be included. The wattage and type of each lighting fixture and the wattage or horsepower rating and purpose of all outlets shall be included. Mains, feeders, branch circuits and distribution panels shall be designated by letters and numbers. A complete key to symbols and designations shall be included. The documents shall have been prepared by a qualified person who shall bear the burden of proof of qualification if proof is deemed necessary by the building official.

Qualification shall be an architect licensed to practice as an architect in the state of Washington, an electrical engineer licensed to practice as an electrical engineer in the state, or an electrical contractor who is licensed to do business as an electrical contractor in the state. All plans shall be drawn to a scale of not less than one-eighth of an inch to the foot. Only neat, legible, printed documents bearing the signature or seal of the person responsible for the documents and containing the details described by this section will be accepted for examination.

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As soon as possible after plans and specifications are accepted, they shall be examined by the city building official, and if the contemplated work conforms to the provisions of this code, the plans shall be stamped "Approved for construction subject to field inspection, City of Bellevue, Washington," together with the date of approval and the authorization of the building official.

Section 2. Section 21 of Ordinance 163, and Bellevue City Code, section 23.30.210 are hereby amended to read as follows:

23.30.210 Interpretation of code.

Any implied requirements of this code which are not specifically set forth herein but are necessary to the safeguarding of life and property from electrical hazards, as well as the meaning of any apparently conflicting provisions hereof, shall be interpreted by the building official, who may request the recommendation of the Electrical Code Board of Appeals in making such interpretation.

Section 3. Section 2 of Ordinance 495, and Bellevue City Code, section 23.30.220 are hereby amended to read as follows:

23.30.220 Provisions of National Electrical Code adopted.

The National Electrical Code, 1975 edition, as published by the National Fire Protection Association as NFPA No. 70 is adopted as amended, added to and excepted in this chapter or elsewhere in the codes and ordinances of the City. Said Code is adopted by reference as though fully set forth herein.

Section 4. A new Section is hereby added to the Bellevue City Code, to be designated section 23.30.225 thereof:

23.30.225 Rules and Regulations Adopted. - Labor and Industries

The Rules and Regulations of the Electrical Inspection Section of the Department of Labor and Industries of the State of Washington as now or hereafter promulgated under the authority of RCW Chapter 19.28 are hereby adopted. Said Rules and Regulations are adopted by reference as though fully set forth herein. Where there is any conflict between said Rules and Regulations and the National Electrical Code as adopted pursuant to Section 23.30.220 hereof, or any provision of this chapter, said Rules and Regulations shall be controlling.

Section 5. Section 25 of Ordinance 163, and Bellevue City Code, section 23.30.230 are hereby amended to read as follows:

23.30.230 Article 230, Section 202 amended - Wiring methods.

Article 230, Section 202 - sub-section B of the

National Electrical Code is amended to provide as follows:

"Section 202(B) - Wiring Methods. (b) Wiring Methods.

Service-entrance conductors shall be installed by means of one of the following wiring methods: (1) in rigid metal conduit; (2) in rigid nonmetallic conduit where encased in not less than 2 inches of concrete; (3) in cablebus or (4) electric metallic tubing, busways, or other approved means. Underground service-entrance conductors shall conform to Section 300-5. On all residential premises including multi-family premises any exterior cable for future or later use shall terminate in any approved junction box secured to the structure.

Section 6. Section 2 of Ordinance 1314, and Bellevue City Code, section 23.30.250, sub-sections A - E, are hereby amended to read as follows:

23.30.250 Fees.

A. General Minimum Fees. The following schedule of fees shall be collected by the building official as a condition precedent to issuance of permits required under the electrical code. Where no definite method is prescribed herein for calculating the amount of the fee for an electrical permit or the checking of plans pertaining thereto, such fee shall be determined by the building official as near as may be to cover the cost of plan checking, permit and inspection. When electrical wiring is done without the required permit, the fee shall be double the fee fixed by this chapter. The minimum fee for any single family or duplex, residential occupancy shall be \$10.00; the minimum fee for any non-residential or multi-family occupancy shall be \$20.00. The electrical permit for swimming pools shall be \$15.00. All fees shall be paid in full before final approval is given.

B. Electrical Permit Fee. The permit fee shall be determined by the cost of each job as follows:

Fees for all permits other than for one and two family dwelling units

1. Where the contract cost is \$250 or less: \$20.00
2. Where the contract cost is \$250 to \$1000: \$12.50 + 3% of cost.
3. Where the contract cost is over \$1000 but not over \$5000: \$25.00 + 1-1/2% of cost.
4. Where the contract cost exceeds \$5000: \$50.00 + 1% of cost.

5. Swimming pools require a separate permit: \$15.00

The fee for single family and duplex occupancies shall be:

100 amp services	-	\$25.00
Over 100 amp to 200 amp	-	35.00
Over 200 amp to 600 amp	-	45.00

The fee for service changes and remodeling, residential only, shall be:

Service change, 100 amp to 200 amp:
\$10.00, plus \$.50 per circuit pickup and \$1.00 for each new circuit.

Service change, 200 amp to 600 amp:
\$35.00, plus \$.50 per circuit pickup and \$1.00 for each new circuit.

Minimum fee for temporary service on construction sites:
\$10.00.

- C. Plan Checking Fee. Where plans or specifications, or both, describing an electrical installation are checked by the building official to determine the extent of their compliance with the electrical code, the charge shall be ten percent of the fee prescribed for an electrical permit based on such plans and/or specifications. Said 10% of the total fee must be paid before the plans and/or specifications are checked and shall be transmitted to the clerk for deposit to the general fund. If said plans are approved and the application for a permit granted within six months of the date of filing for checking, the amount of the plan checking fee shall be allowed as a credit upon the permit fee.
- D. Redesign Fee. Where a redesign is submitted after one design has been checked, whether approved or not, an additional fee shall be paid for in proportion to the amount of the design affected. Credit upon the permit fee shall be limited to ten percent of the permit fee for the finally approved installation.
- E. Fee When Cost Unknown. When the cost of the job is not known at the time the plans and/or specifications are submitted for checking, the building official shall estimate the cost of the proposed installation and determine the amount of examination and permit fees. If protest is made in writing to the estimate and charge, the fee collected shall be deposited in a suspense fund created for that purpose until work is completed and proof of cost submitted by applicant. Any excess of deposit shall be returned to the permittee and the residue transmitted to the city general fund. Where, for reasonable cause, the work is not completed within one year of issuance of the permit, an extension for not more than thirty days may be granted by the building official without further fee.

Section 7. That portion of section 27 of Ordinance 163 which is codified as Bellevue City Code, section 23.30.250, sub-sections F through O are hereby repealed.

Section 8. Section 1 of Ordinance No. 1549, section 3 of Ordinance No. 1822, and Bellevue City Code, Section 23.30.260 are hereby amended to read as follows:

23.30.260 Raceways.

The following premises shall be wired with approved raceways except as further provided in this chapter:

- A. All premises in fire zone one as established by the city;
- B. All premises except group H and I occupancies not to exceed three stories above basement and J occupancies on same property.

Section 9. The following new section is hereby added to the Bellevue City Code, to be designated section 23.30.270 thereof:

23.30.270 Article 336-3 Amended.

Article 336-3 of the National Electrical Code is amended to provide as follows:

336-3. Uses Permitted or Not Permitted.

(a) Type NM. This type of nonmetallic sheathed cable shall be permitted to be installed for both exposed and concealed work in normally dry locations. It shall be permissible to install or fish type NM cable in air voids in masonry block or tile walls where such walls are not exposed or subject to excessive moisture or dampness.

Type NM cable shall not be installed where exposed to corrosive fumes or vapors; nor shall it be imbedded in masonry, concrete, fill, or plaster; nor run in a shallow chase in masonry or concrete and covered with plaster or similar finish.

(b) Type NMC. Type NMC cable shall be permitted for both exposed and concealed work in dry, moist, damp, or corrosive locations, and in outside and inside walls of masonry block or tile.

(c) Uses Not Permitted for Either Type NM or NMC. Types NM and NMC cables shall not be used as: (1) service-entrance cable, (2) in commercial garages, (3) in theaters and similar locations, except as provided in Article 518, places of assembly, (4) in motion-picture studios, (5) in storage battery rooms, (6) in hoistways, (7) in any hazardous location, (8) embedded in poured cement, concrete, or aggregate.

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Section 10. Section 5 of Ordinance 1822, and Bellevue City Code, section 23.30.270 are hereby repealed.

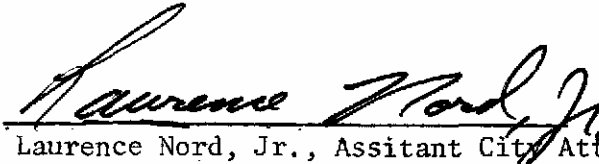
Section 11. This ordinance shall take effect and be in force five days after its passage, approval and legal publication.

PASSED by the City Council this 18 day of August, 1975,
and signed in authentication of its passage this 18 day of August,
1975.

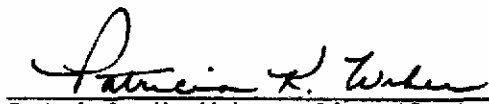
(SEAL)


Richard M. Foreman, Mayor

Approved as to form:


Laurence Nord, Jr., Assitant City Attorney

Attest:


Patricia K. Weber, City Clerk

Published August 28, 1975