

5-24-83
7961F

CITY OF BELLEVUE, WASHINGTON

ORDINANCE NO. 3267

AN ORDINANCE regarding permits for excavation and shoring; amending Uniform Building Code, Section 2903; and adding a new Section 23.10.118 to the Bellevue City Code.

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

Section 1. A new section 23.10.118 is added to the Bellevue City Code, to read as follows:

23.10.118 Uniform Building Code Section 2903 amended - Permits required for excavation/shoring. Section 2903 of the Uniform Building Code, Excavations and Fills, is amended by the addition of the following subsections:

(C) 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 one hundred 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 therefore 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 Bellevue City Code, Chapter 23.76.

No person, firm or corporation shall leave any excavation for which a permit is required hereunder 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.

5-24-83
7961F

(D) Application for Permit

To obtain a permit, the applicant shall file an application on a form provided by the Building Official. Every application shall:

- 1) Identify and describe the work to be covered by the permit for which application is made.
- 2) Include plans, specifications, computations and methods of construction, as required by the Building Official, in triplicate.
- 3) Describe the land upon which the proposed work is to be done by legal description or address that will adequately identify the location of the proposed building or work.
- 4) Include detailed shoring plans which are prepared by and bear the seal of a professional engineer or architect licensed in the State of Washington. The plans shall describe shoring systems, including the members, their connections and support and how they are designed to carry the loads imposed upon them.
- 5) Describe allowable stresses, including allowances for short term loading, for timber, steel or concrete, which shall be based on the City of Bellevue Building Code.
- 6) Include soils investigations and reports, if required, so that appropriate pressures may be established. The Building Official may require investigations at any depth whenever specific conditions existing at the site of the excavation reveal an unstable soil structure, circumstances indicate that the excavation may impair the lateral support of any public space or any adjacent City property, or that such further investigation will supply information necessary to properly evaluate the application. When highway traffic can come within a horizontal distance from the top of the shoring equal to or less than one-half of its height, the pressure shall have added to it a live load surcharge pressure equal to not less than two feet of earth.
- 7) Indicate soldier piles, tie-back rods, anchors and other shoring materials that are intended to remain in a public place or on adjoining property after the completion of construction. If approved, the Building

5-24-83
7961F

Official may require that the plans filed be supplemented upon completion of construction, with a set of plans or other documents showing such residuals in these places as constructed.

- 8) When the plans presented show an encroachment upon the property interest of an abutting owner or franchise holder in a public place, the Building Official may require the applicant to provide the consent of the person so affected be obtained as a condition of the issuance of the permit provided for herein.

Approval of the plans by the Building Official shall not relieve the contractor making such excavation and/or shoring of responsibility for satisfactory results and shall not reduce or affect the liability of said contractor for damages, expenses or costs which may result from said excavation, the failure of shoring, or the contractor's methods of operation.

(E) Indemnity Deposit on Approved Applications for Permits

If the Building Official determines that there is the 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 deposit with the City Finance Department a cash indemnity deposit. The amount of the cash indemnity deposit 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 deposit the same with the Building Official before receiving a permit. The City may use such cash indemnity deposit to pay for any injury, damage or expense the City may sustain in conjunction with the permitted work. The balance of the cash indemnity deposit, if any, after such deductions shall be returned to the applicant. If the indemnity deposit is insufficient, the applicant will be liable for the deficiency. Upon notice to the applicant, the Building Official may at any time increase or reduce the amount of the required deposit or waive the same as conditions warrant.

(F) Entry and Inspection

The filing of an application for a permit hereunder shall constitute consent by the applicant, contractor, and property owner for the Building Official to enter upon the property at reasonable times and to inspect and investigate the soil conditions, the progress of said excavation and/or installation of shoring or any facts and circumstances related to said application or permit.

5-24-83
7961F

(G) Permit Issuance

The application, plans and specifications and other data filed by an applicant for permit shall be reviewed by the Building Official. Such plans may be reviewed by other City departments to verify compliance with any applicable laws under their jurisdiction. If the Building Official finds that the work described in an application for a permit and the plans, specifications and other data filed therewith conform to the requirements of this code and other pertinent laws and ordinances, and that the fees specified in Section 23.10.118 J have been paid, he shall issue a permit therefor to the applicant.

When the Building Official issues the permit where plans are required, he shall endorse in writing or stamp the plans and specifications "APPROVED." Such approved plans and specifications shall not be changed, modified or altered without authorization from the Building Official, and all work shall be done in accordance with the approved plans.

(H) Expiration

Every permit issued by the Building Official under the provisions of this section 23.10.118 shall be subject to all provisions of section 23.10.040.

(I) Permit Fees

The fee for each permit shall be as set forth in Table #29.E.

(J) Compliance

All soldier 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.

(K) Revocation

The Building Official may revoke or suspend the permit provided for in Section 23.10.118 C whenever:

- 1) The permittee requests such revocation or suspension;
- 2) The work does not proceed in accordance with the plans, as approved, or is not in compliance with the requirements of this section 23.10.118, the Building

5-24-83
7961F

Code, or other City ordinances and the State Safety Code;

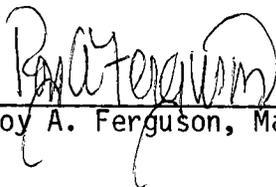
- 3) Entry upon the property for the purposes of investigation and inspection has been denied;
- 4) The permittee has made a misrepresentation of a material fact in applying for said permit;
- 5) The progress of the work indicates that the plan is or will be inadequate to protect the public, the adjoining property, street, utilities in the street, or the excavation endangers or will endanger the public, the adjoining property, street, or utilities in the street;
- 6) The permit has not been acted upon within one year of the time allowed by extensions;
- 7) The related building permit has expired without renewal, or has been revoked or canceled.

Upon suspension or revocation of the permit, all work thereupon shall cease, except as authorized or directed by the Building Official.

Section 2. This ordinance shall be published by posting it in the three official posting places of the City, and shall take effect and be in force five days after the date of posting.

PASSED by the City Council this 6th day of June, 1983, and signed in authentication of its passage this 6th day of June, 1983.

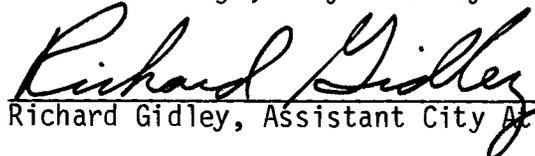
(SEAL)



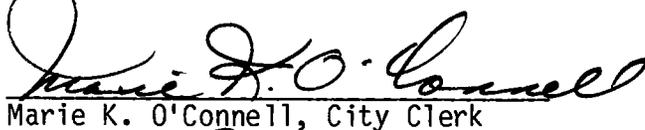
Roy A. Ferguson, Mayor

Approved as to form:

Linda M. Youngs, City Attorney


Richard Gidley, Assistant City Attorney

Attest:


Marie K. O'Connell, City Clerk

Published June 11, 1983

5-24-83
7961F

Table 29.E

SCHEDULE OF SHORING PERMIT FEES

<u>Type of Use</u>	<u>Inspection Fee</u>	<u>Minimum</u>
Excavation/Shoring		
<u>Depth*</u>	<u>Cost/foot (Lineal)</u>	
0 - 10	\$ 8.00	500.00
10.1 - 15	10.00	1,000.00
15.1 - 20	14.00	2,000.00
20.1 - 25	14.00	3,000.00
25.1 - 30	15.00	4,000.00
30.1 - 35	16.00	5,000.00
35.1 - 40	18.00	6,000.00
40.1 - 45	19.00	6,500.00
45.1 - 50	20.00	7,000.00
50.1 - 55	21.00	7,500.00
55.1 - 60	22.00	8,000.00
60.1 - 65	23.00	8,500.00
65.1 - 70	24.00	9,000.00
70.1 - 75	25.00	9,500.00
75.1 - 80	26.00	10,000.00
80.1 - 90	30.00	15,000.00
90.1 - 100	35.00	20,000.00
100.1 - 110	42.00	25,000.00
110.1 - 120	50.00	30,000.00
120.1 - 130	60.00	35,000.00

* The maximum vertical distance from the undisturbed margin of the abutting public place to the bottom of the excavation and separately calculated for each street abutting the excavation.

The fee for a second or revised plan review shall be 75% of the original fee. The fee for each subsequent plan review shall be 50% of the original fee.

100% SLOPE LINE
Ord. 3267
Attachment

ORIGINAL

MARGIN OF TRAVELED SURFACE

TRAVELED SURFACE

FREE ZONE

4' (VERT.)

4' (VERT.)



100% SLOPE LINE
(45° FROM HORIZONTAL)

