

June 27, 1977

Introduced by: TRACY LOWEN

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ORDINANCE NO. 3316

AN ORDINANCE relating to the installation of fire hydrants and water mains in King County; establishing requirements for short subdivisions; clarifying installation standards, the role of water authorities, amending KCC 17.08.040 and Ordinance No. 3087, Section 5; amending KCC 17.08.030 and Ordinance No. 3087, Section 4; adding two new sections thereto; and declaring an emergency.

BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

SECTION 1. KCC 17.08.030 and Ordinance 3087, Section 4., are each amended to read as follows:

New installations and replacements. All fire hydrants and water mains newly installed or replaced shall meet the requirements of this chapter. The Fire Marshal may approve a minor deviation from the locational standards for fire hydrants contained in KCC 17.08.040 and KCC 17.08.050 when it is shown that:

- a. Strict compliance would cause an unreasonable hydrant location.
- b. The deviation would not unreasonably diminish fire protection to the area.

SECTION 2. KCC 17.08.040 and Ordinance 3087, Section 5., are each amended to read as follows:

Installation requirements.

~~((a.--Areas already platted shall install operational hydrants and mains with water in accordance with this ordinance when building construction commences.~~

~~((b.--Areas to be platted shall meet the requirements of this ordinance.--))~~

1 a. ((e-)) New or replaced water mains shall be a minimum of eight inches in
2 diameter for dead ends where serving fire hydrants, and six inches in diameter
3 for circulating mains. Hydrant leads less than fifty feet may be six inches in
4 diameter. Such mains shall have hydrants installed to conform with this ordinance.

5 b. ((d-)) Maximum spacing of public fire hydrants shall be seven hundred feet
6 in single family zoned areas and four hundred feet in commercial, industrial,
7 and apartment areas. Duplexes, churches, and schools shall be considered
8 as commercial. Hydrants shall be located at street intersections. When neces-
9 sary to meet required spacing, hydrants may be located between intersections.

10 c. ((e-)) Hydrants installed per this ordinance shall meet the Seattle Stan-
11 dard Specifications and American Water Works Association (A.W.W.A.) Standards.

12 d. ((f-)) Hydrants and mains shall be installed to meet sound engineering
13 practices. There shall be an auxiliary gate valve installed, sufficient to per-
14 mit the repair and replacement of the hydrants without disruption of water ser-
15 vice.

16 e. ((g-)) Hydrants shall stand plumb and be set to the finished grade. The
17 bottom of the lowest outlet of the hydrant shall be no less than eighteen inches
18 above the finished grade. There shall be thirty-six inches of clear area
19 about the hydrant for operation of a hydrant wrench on the outlets and on the
20 control valve. The pumper port shall face the street. Where the street cannot
21 be clearly defined or recognized, the port shall face the most likely route of
22 approach and location of the fire truck while pumping, as determined by the
23 fire marshal.

24 f. ((h-)) Hydrants shall not be obstructed by any structure or vegetation
25 or have the visibility impaired for a distance of fifty feet in the direction of
26 vehicular approach to the hydrant.

27 g. ((i-)) Hydrants are to be accessible to fire department pumper over roads
28 capable of supporting such fire apparatus.

29 h. ((j-)) Fire hydrnats located in areas subject to regular, private, com-
30 mercial or industrial motor vehicle traffic shall be protected against vehicle damage
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1 by curbs, space separation, grade level changes, guard posts, or other means
2 acceptable to the fire marshal.

3 i. (~~(h-)~~) The installation of flush-type hydrants is prohibited without approval
4 of the fire marshal.

5 j. (~~(i-)~~) All hydrants shall be subject to testing and inspection by the fire
6 department.

7 k. (~~(m-)~~) A hydrant shall be located no further than three hundred fifty feet
8 from a (~~(newly-constructed single-family residence or platted)~~) residential build-
9 ing lot (~~(when located in a platted area;)~~) EXCEPT in areas served with existing
10 hydrants spaced one thousand feet on center, and no more than one hundred fifty
11 feet from a commercial building or additions thereto.

12 l. (~~(n-)~~) The location of all water mains, fire hydrants, and valves to be in-
13 stalled shall be properly and accurately marked on identifiable plans or drawings,
14 two copies of which shall be furnished to the fire marshal. (~~(The water authority~~
15 ~~may be required by the fire marshal to notify the fire department in writing~~
16 ~~when the system is available for use.)~~)

17 NEW SECTION. SECTION 3. Service to residential lots, when required.

18 a. Subdivisions shall be required to be provided water mains and fire
19 hydrants, consistent with County standards, as a condition to final plat approval.

20 b. Lots within subdivisions given preliminary approval on or before July 5,
21 1977, shall not be required to be provided with water mains and fire hydrants,
22 consistent with County standards, until fifty percent of the lots within the sub-
23 division have been developed, at which time compliance shall be required prior
24 to issuance of any additional building permits to lots within the subdivision.

25 c. Lots created by short subdivision shall be exempt from County water
26 main and fire hydrant standards, EXCEPT when required by paragraph (d)
27 of this section.

28 d. Short subdivisions which create three or more lots that are smaller than
29 35,000 square feet, and which result in six or more lots smaller than 35,000
30 square feet being served solely by private road easement, shall be provided
31 water mains and hydrants, consistent with County standards, as a condition to

1 short plat approval.

2 NEW SECTION. SECTION 4. Water Authority Responsibility. a. Water
3 authorities shall not be required to exercise police or regulatory powers toward
4 the enforcement of this ordinance. The only role of water authorities shall be
5 to provide information, such as:

6 (1) The water authority may be requested by the county to indicate
7 in writing its capability to provide water service, consistent with the standards
8 contained in this ordinance, to any building permit, subdivision, or short sub-
9 division applicant, or to the county.

10 (2) The water authority may be required by the fire marshal to notify
11 the fire department in writing when a water system installed pursuant to this
12 ordinance is available for use.

13 b. Enforcement responsibility, for determining whether or not to approve a
14 building permit, subdivision, or short subdivision application, based on infor-
15 mation provided by the water authority, shall belong solely to King County.

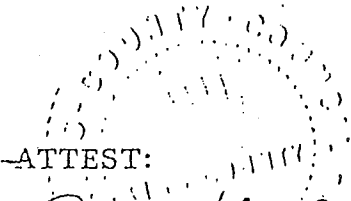
16 SECTION 5. The County Council finds as a fact and declares that an
17 emergency exists and that this ordinance is necessary for the immediate pre-
18 servation of public peace, health or safety or for the support of county govern-
19 ment and its existing public institutions.

20 INTRODUCED AND READ for the first time this 6th day
21 of June, 1977.

22 PASSED this 25th day of July, 1977.

23 KING COUNTY COUNCIL
24 KING COUNTY, WASHINGTON

25 Mike Lowry
26 Chairman



26 ATTEST:
27 Dorothy M. Owens DEPUTY
28 Clerk of the Council

29 APPROVED this 2^d day of August, 1977.

30 [Signature]
31 King County Executive