Ordinance No. 2434

(Amending or Repealing Ordinances)

CFN=205 – Uniform Building Codes
Passed – 11/7/1983
Amending Ch. 13.02 KCC to adopt the Uniform Fire Code, 1982 edition, and certain amendments; repealing Ch. 13.04 KCC relating to fire districts; repealing Ch. 13.06 KCC and adopting a new Ch. 13.06A KCC relating to fire hydrants; and amending Ord. 2413 to repeal Ch. 13.08 KCC

Amended by Ord. 3410
Repeal Ch. 13.02 by Ord. 3691
Amended by Ord. 3963, 3974 (Sec. 9.38.030)
ORDINANCE NO. 2134

AN ORDINANCE of the City of Kent, Washington, relating to fire prevention; amending Chapter 13.02 Kent City Code (KCC) to adopt the Uniform Fire Code, 1982 edition, and certain amendments thereto; repealing Chapter 13.04 KCC relating to Fire Districts; repealing Chapter 13.06 KCC and adopting a new Chapter 13.06A KCC relating to fire hydrants; and amending Ordinance 2413 to repeal Chapter 13.08 KCC.

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

Section 1. Chapter 13.02 Kent City Code is amended as follows:

CHAPTER 13.02
UNIFORM FIRE CODES ADOPTED

13.02.(04).010 UNIFORM FIRE CODE--ADOPTED. There is adopted by reference upon the effective date of this Chapter 13.02 ((the ordinance codified in Sections 13.02.04 through 13.02.12,)) and upon the filing with the City Clerk of ((three)) one cop((ies)) thereof, the Uniform Fire Code, 1982 Edition, promulgated by the International Conference of Building Officials and the Western Fire Chiefs Association, together with the appendices thereto, and deletions, amendments and additions thereto as set forth in this Chapter. (0.2212, §1)

13.02.(04).020 UNIFORM FIRE CODE--ADDITION--SECTION 4.108. Article 4 of the Uniform Fire Code, 1982 Edition, previously adopted by Section 13.02.(04).010, is amended by adding a new section thereto, which shall be designated as Section 4.108 and which shall read as follows:

Section 1.
PERMIT FEES. Section 4.108. The fee for permits or certificates issued in accordance with this article shall be $35.00 per year, payable at or before the time of issuance of any such permit or renewal thereof. Whenever, under the provisions of this code, more than one permit or certificate is required for the same location, such permits or certificates may be consolidated into a single permit or certificate, with a single non-compounding $35.00 fee."

a) Permits or certificates shall be valid for a 12 month period and are renewable at the end of that time.

b) All schools and churches shall be exempt from the fee requirements of this ordinance, however, required permits or certificates shall be issued only after inspections are performed and compliance is obtained.

c) Failure to pay for either an original permit or certificate or the required renewal within 30 days of the
notice date shall constitute a violation of this ordinance. Any person who shall fail to comply, within the time fixed herein, shall for each and every violation be guilty of a misdemeanor, punishable by a fine of not more than $500.00 or by imprisonment for not more than 90 days.

13.02.((10-1))30 UNIFORM FIRE CODE--ADDITION--SECTION
10.((209-))210 There is hereby added to the Uniform Fire Code, 19((79-))82 Edition, previously adopted by Section 13.02.((04-))010, a new section to be designated "Section 10.((209-))210 Fire Lanes," which reads as follows:

Section 10.((209-))210 Fire Lanes.

((Section 1.)) (a) Definitions. The following definitions shall apply in the interpretation and enforcement of this Section.

((A-)) 1. Fire Lane: That area within any public right of way, easement, or private property designated for the purpose of permitting fire trucks and other fire fighting or emergency equipment to use, travel upon or park.

((B-)) 2. Park, Parking, Stop, Stand or Standing: Means the halting of any vehicle, other than an emergency vehicle, whether occupied or not, except when necessary to avoid conflict with other traffic or in compliance with the directions of a police officer or fire official, traffic control sign or signal.

((C-)) 3. Vehicle: A machine propelled by power other than human power designed to travel along the ground or rail by use of wheels, treads, runners or slides and transport persons or property, or pull machinery, and shall include, but not be limited to, automobile, truck, trailer, motorcycle, tractor, buggy, wagon and locomotive.

((Section 2.)) (b) Requirements/Standards. When required by the Fire Department, hard surfaced driving lanes (Fire Lanes) shall be provided around facilities which by their size, location, design, or contents warrant access which exceed that normally provided by the proximity of city streets.

((A-)) 1. Lanes shall provide a minimum, unobstructed width of 20 feet and vertical clearance of 13 feet, 6 inches.

((B-)) 2. Lanes shall be identified by a 4 inch wide line and block letters 2 feet high, painted in the lane, at 50 foot intervals stating "Fire Lane-No Parking," color to be bright yellow, or by posting of signs stating "Fire Lane - No Parking." Signs shall be posted on or immediately next to the curb line, or on the building. Signs shall be 12" x 18" and shall have letters and background of contrasting colors, readily readable from at least a 50 foot distance. Signs shall be posted no further than 50 feet apart, nor shall they be more than
{Section 3} 3. Fire lanes shall be either asphalt or reinforced concrete, 2 inches thick, minimum, or other material as authorized by the fire department.

{Section 3} 4. Where fire lanes connect to city streets or parking lots, adequate clearances and turning radii shall be provided. All proposed plans shall have fire department approval.

{(Section 3,) (c) Parking Prohibited. Except when necessary to avoid conflict with other traffic or in compliance with the direction of a police officer or fire official or traffic control sign, signal, or device, no person shall:

(A-r) 1. Stop, stand or park a vehicle, whether occupied or not at any place where official fire lane signs are posted, except:

((1)) a) Momentarily to pick up or discharge a passenger or passengers; or

((2)) b) Temporarily for the purpose of and while actually engaged in loading or unloading property.

{Section 4} (d) Fire Lane as Part of Driveways and/or Parking Areas. The fire department may require that areas specified for use as driveways or private thoroughfares shall not be used for parking. These areas when specified, shall be marked or identified by one of the two means detailed in {Section 2(b).} (b) 2.

{Section 5} (e) Existing Buildings. When the fire department determines that a hazard due to inaccessibility of fire apparatus exists around existing buildings, they may require fire lanes to be constructed and maintained as detailed in {Sections 2 and 4.} (b) and (d).

{Section 6} (f) Enforcement. In addition to other authorized personnel, it shall be the duty of the Kent Fire Chief and/or his authorized designee(s), who shall be members of the Fire Prevention Bureau, to enforce this Section.

{Section 7} (g) Penalties. Any {person} violation of the provisions of this Section shall be a {misdemeanor and upon conviction,} subject to a fine of not more than twenty-five ($25.00) dollars or by imprisonment for not more than thirty (30) days, or both such fine and imprisonment. traffic infraction punishable by a monetary penalty of not more than two hundred ($200) dollars. The recommended bail for such a violation shall be fifteen (15) dollars plus state assessments and costs, when applicable.

{Section 8} (h) Impound of Illegally Parked Vehicles. In addition to the penalties provided for in {Section 7}, any vehicle improperly parked in violation of any of the provisions of this Section shall be subject to impound; provided, however, that other than
in the event of immediate emergency, no such vehicle shall be impounded unless the area where the improper parking occurs shall be adequately and suitably posted with signs advising that improperly parked vehicles are subject to impound. (0.2296, §2)

13.02((12))).040 UNIFORM FIRE CODE--ADDITION--SECTION 10.309. Existing Sections 10.309-10.310-10.311 are hereby deleted and There is added to Article 10 a new section to be know as Section 10.309 "Automatic Sprinkler Systems" which shall read as follows:

Section 10.309. (((a) General. Automatic sprinkler systems shall be provided in accordance with the provisions of this section.))

(((b))) (a) Where required. An Automatic ((sprinkler systems)) Fire Extinguishing System shall be installed ((and maintained in operable contition as specified in this article in the following locations:)) in the occup- pancies and locations as set forth in this section.

(b) General.

1. All occupancies except Group R, Division 3 and Group M.

((a-1)) 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.

((b-1)) 3. All rooms where nitrate film is stored or handled ((shall be equipped with an approved automatic sprinkler system as specified in U.B.C. Standard 48-1.))

((c-1)) 4. In protected combustible fiber storage vaults as ((in Section 9.118 of this code.)) defined in this code.

((2.)) (C) Group A Occupancies.

((A.)) 1. In basements larger than 1,500 sq. ft. in floor area.

((B.)) 2. When the occupancy has ((over)) 6,000 sq. ft. or more of floor area or is more than 40 feet in height.

((C.)) 3. In any enclosed usable space below or over a stairway in Group A, Divisions 2, 2.1. 3 and 4 Occupancies.

((D.)) 4. Under the roof and gridiron, in the tie and fly galleries and in all places behind the proscenium wall of stages; over enclosed platforms in excess of 500 sq. ft. in area, and in dressing rooms, workshops and store-rooms accessory to such stages or enclosed platforms.

EXCEPTIONS: Under stages or enclosed plat- form areas less than four feet in clear height used exclusively for chair or table storage and lined up on the inside with materials approved for one-hour fire-resis- tive construction.
(3.) (d) Group B Occupancies

((A.)) 1. When the Occupancy has (over) 6,000 sq. ft. or more of floor area or more than 40 feet in height.

((B.)) 2. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Article 81.

(4.) (e) Group E Occupancies

((A.)) 1. When the Occupancy has over 6,000 sq. ft. of floor area or more than 40 feet in height.

((B.)) 2. In basements larger than 1,500 sq. ft. of floor area.

((C.)) 3. In any enclosed usable space below or above any stairway.

(5.)) (f) Group H Occupancies

((A.)) 1. In Group H, Division 1 and 2 Occupancies longer than 1,500 sq. ft. in floor area.

((B.)) 2. In Group H, Division 3 Occupancies longer than 3,000 sq. ft. in floor area.

((C.)) 3. In Group H, Division 4 Occupancies more than 40 feet in height or larger than 6,000 sq. ft. in area.

((D.)) 4. In rooms where flammable or combustible liquids are stored or handled in excess of 30 gallons of Class 1-A, 60 gallons or Class 1-B, 90 gallons or Class 1-C, 120 gallons of Class II, 250 gallons of Class III-A, or any combination of flammable liquids totaling 240 gallons.

((E.)) 5. For paint spray booths or rooms and for special provisions on hazardous chemicals and magnesium, and calcium carbide, see Section 45.208, Articles 48, 49 and 80. See also Section 10.301.

(6.)) (g) Group I Occupancies.

EXCEPTIONS: (1) In hospitals of types I, II Fire-resistive and III one-hour construction, the automatic sprinkler system may be omitted from operating, delivery, cardiac, x-ray and intensive care rooms and patient sleeping rooms not exceeding 450 sq. ft. in area when each such room is provided with smoke detectors connected to a continuously attended station or location within the building. Increased for area height specified in Section 506(c) and 507 shall not apply when this exception is used.

(2) In jails, prisons, and reformatories, the piping system may be dry, provided a manually operated valve is installed at a continuously monitored location. Opening of the valve will cause the piping to be charged. Sprinkler heads in such a system shall be equipped with fusible elements or the system shall be designed as required for deluge systems in U.B.C. Standard §38-1.

(7.)) (h) Group R-1 Occupancies.

((A.)) 1. When the occupancy has over 6,000 sq. ft. of floor area or more than 40 feet in height.
(i) Alarms. When serving more than 100 sprinklers, automatic sprinkler systems shall be supervised by an approved central, proprietary or remote station service. (or a local alarm which will give an audible signal at a constantly attended location.)

(j) Permissible Omission. Subject to the approval of the Chief with the concurrence of the Building Official, sprinklers may be omitted in rooms or areas as follows:

1. Where sprinklers are considered undesirable because of the nature of the contents or in rooms or areas which are of non-combustible construction which are wholly of non-combustible contents and which are not exposed by other areas. Sprinklers shall not be omitted for any room merely because it is damp or of fire-resistive construction.

2. Sprinklers shall not be installed where the application of water or flame and water to the contents constitute a serious fire or life hazard, as in the manufacture or storage of quantities of aluminum powder, calcium carbide, calcium phosphide, metallic sodium and potassium, quicklime, magnesium powder, and sodium peroxide.

3. Safe deposit or other vaults of fire-resistive construction, when used for the storage of records, files and other documents, when stored in metal cabinets.

4. Communication equipment areas under the exclusive control of a public communication utility agency, provided:
   A) The equipment areas are separated from the remainder of the building by one-hour fire-resistive occupancy separation.
   B) Such areas are used exclusively for such equipment.
   C) An approved automatic smoke detection system is installed in such areas and is supervised by an approved central, proprietary or remote station service, or a local alarm which will give an audible signal at a constantly attended location.
   D) Other approved fire-protection equipment, such as portable fire extinguishers or Class II standpipes, are installed in such cases.

5. Other approved automatic fire-extinguishing systems may be installed to protect special hazards or Occupancies in lieu of automatic sprinklers.

6. When approved by the Chief, automatic sprinkler systems may be omitted from buildings of Types I or II construction provided that the contents are wholly non-combustible.

7. Area and Height Increases. Sprinkler systems installed to meet the requirements
of this Section shall qualify the protected building for appropriate area increases, height increases and fire-resistive substitutions as set forth in Sections 506(c), 507 and 508 of the Uniform Building Code. Applications of this Section shall be as set forth in Section 104 of the Uniform Building Code. (0.2212, §2)

(k) For the purposes of calculating the square footage of a building or occupancy, the following definition shall apply.

Floor Area - is the area included within the surrounding exterior walls of a building or portion thereof. The floor area of a building or portion thereof, not provided with surrounding exterior walls shall be the usable area under the horizontal projection of the roof or floor above.

(l) When additions, alterations or repairs cause a building to come within the requirements of any Section of this Article, the building shall comply with those Sections.

(13.02.14. UNIFORM FIRE CODE--DELETION--SECTION 10.207. Section 10.207 of the Uniform Fire Code, 1979 Edition, adopted by Ordinance 2212 of the City of Kent, be and the same hereby is deleted. (0.2296, §1))

(13.02.16. NATIONAL FIRE CODE--ADOPTED. There is adopted by reference upon the effective date of the ordinance codified in the Section, and upon the filing with the City Clerk of three copies thereof, the 1976 National Fire Code, Volumes 1 through 16, published by the National Fire Protection Association. (0.2021, §1))

13.02.050. UNIFORM FIRE CODE -- ADDITION -- Subsection 10.207(g). There is added a new sub-Section (g) to Section 10.207, to read as follows:

"(g) Grade. The maximum permitted grade for roadways shall not exceed 12%.*"

Section 2. Chapter 13.04 Kent City Code "Fire Districts Established" be and the same is hereby repealed.

((CHAPTER 13.04))

((FIRE DISTRICTS ESTABLISHED))

((13.04.04. FIRE DISTRICT ESTABLISHED. The City of Kent is declared to be and is hereby established as a Fire District. The Fire District shall contain two (2) Fire Zones, to be designated as Fire Zone No. 2 and Fire Zone No. 3, which are more particularly described as follows:))

((A) Fire Zone No. 2. Starting at the center line of South Central Avenue and Willis Street, thence northerly along the center line of Central Avenue to the center line of East James Street, thence westerly along the center line of James street to
the center line of Washington State Highway No. 167, thence southerly along the center line of said Highway to the center line of West Willis Street, thence easterly to the point of the beginning.)

((B) Fire Zone No. 3. All portions of the City not included in Fire Zone No. 2 shall be in Fire Zone No. 3. (0.1852, §1))

Section 3. Chapter 13.06 Kent City Code "Fire Hydrants" is repealed and a new Chapter 13.06 Kent City Code is adopted as follows:

CHAPTER 13.06

FIRE HYDRANTS

(13.06.04. INTENT. The following provisions and regulations are adopted as part of the City of Kent's fire prevention program to abate existing fire hazards, to investigate the cause, origin and circumstances of fires, to inspect potential fire hazards, to control the means and adequacy of the construction and safety of buildings in case of fires within commercial, business, industrial, or manufacturing area and all other places in which numbers of persons work, meet, live, or congregate. (0.1593, §1)

13.06.08. FIRE HYDRANTS IN COMMERCIAL, BUSINESS, INDUSTRIAL OR MANUFACTURING AREAS. The owner of any building or structure to be built in an area zoned for commercial, business, industrial or manufacturing use in the City of Kent, which building or structure is not within one hundred sixty-five (165) feet of a fire hydrant, shall, at his expense, have installed sufficient fire hydrant, together with the necessary pipes and connections to connect with the Kent water system. The building or structure shall be situated in such a manner that no part of it is more than three hundred feet from a fire hydrant. The number and location of the required fire hydrants shall be determined by the Fire Chief or his delegate in accordance with the rules and regulations adopted by the City of Kent. The installation of the fire hydrants shall be to the satisfaction, upon inspection, of the Kent Department of Public Works. (0.1593, §2)

13.06.12. FIRE HYDRANTS IN OTHER AREAS. The owner or party in control of any building hereafter constructed in the City of Kent which is used for a school, church, rest home, hospital, or multiple residential apartment (four individual apartment units or more), or any other place of public assembly, wherever located, shall, at his expense install or cause to be installed fire hydrant or hydrants unless adequate and sufficient hydrants are located or accessible within 165 feet of any such building or structure. The number, location, size, and type of such hydrant or hydrants to be installed shall be as specified in the above 13.06.08, and all such installation shall be approved by the City Fire Department. (0.1593, §3)

13.06.12. FIRE HYDRANTS - SPECIAL LOCATIONS. In addition to the foregoing requirements, additional hydrant or hydrants may be required in areas which are being utilized for open storage of flammable products, including flammable liquids, or other areas of special fire hazards with spacing and floor requirements based on the fire protection required in each instance; the number,
such fire hydrants under the owner secure between such hydrant in it is a writ p a that any

I I ; 11 0.24. - MULTIPLE USES - CONTRACT. In the event the installation of any fire hydrant or hydrants, and the connecting system thereto, should benefit two or more properties, the owners of such benefited properties shall share the cost of such installation in the proportion of the benefits so derived. Whenever an owner is required to install such fire hydrants under the provisions of this Chapter and which installation will benefit properties not owned or controlled by such owner, then such owner may apply to the City for an Agreement under the provisions of the "Municipal Water and Sewer Facilities Act", RCW 35.91 and any such agreement between such owner and the City shall run for a period not to exceed five (5) years and thus permit such owner to recover a portion of the cost of such initial installation from other parties in the event of any such future hook-up or connection. Such contract shall further provide that the owner of any building or structure subsequently erected shall not be permitted, during the term of the aforesaid contract, to make any hook-up or connection to the City's water system or to any such hydrant until such owner has paid his proportionate fair share of the initial cost of such installation as set forth in said contract. Any such agreement entered into between such owner causing such installation and the City shall be filed for record with the King County Auditor's Office and thereupon such filing shall constitute due notice of the terms and requirements therein specified to all other parties. The City further reserves the right, upon approval by the City Council, to participate in the installation of any oversized water line extensions or additional or extra improvements relative to such installations. (0.1593, §5)

13.06.28. - PRIVATE WATER - FIRE SERVICE. Services for fire protection must be detector checked at the expense of the owner and fitted with such fixtures only as are needed for fire protection and must be entirely disconnected from those used for other purposes. (1593, §6)

13.06.24. - MODIFICATION IN USE. Whenever any change in the use, occupancy or construction of any premises or purposes as hereinabove defined, requires any increased fire and hydrant protection, the owner, owners, or person in charge of such premises shall proceed promptly toward securing adequate protection and all such installation or changes to be completed, providing for such increased fire protection, prior to the use or occupancy of such facilities. (0.1593, §7)

13.06.32. - MODIFICATIONS. Fire Chief or his delegate shall have power or modify any of the provisions of this Chapter upon application in writing by the owner or lessee, or his fully authorized agent, when there are practical difficulties in the way of carrying out the strict letter of this Chapter provided that the spirit of this Chapter shall be observed, public safety secured and substantial justice done. The particulars of such modifications when granted or allowed and the decision of the Fire Chief or his delegate thereon shall be entered upon the records of the department and a signed copy shall be furnished the applicant.
13.06.36. APPEALS. Whenever the Chief of the Bureau of Fire Prevention shall disapprove an application or refuse to grant a permit applied for, or when it is claimed that the provisions of this Chapter do not apply or that the true intent and meaning of the Ordinance have been misconstrued or wrongly interpreted, the applicant may appeal from the decision of the Fire Chief or his delegate to the City Council within 30 days from the date of the decision appealed. (0.1739, §2)

13.06.40. UNLAWFUL CONDUCT. It is unlawful for any person to own, occupy, or use any building or structure as defined in Section 13.06.06, 13.06.12 or 13.06.16 unless such building or structure is located within one hundred sixty-five (165) feet of any fire hydrant, unless modification has been granted by the Fire Chief or his delegate as provided for in 13.06.32, or upon appeal to the City Council as provided in 13.06.36.

13.06.44. PENALTY FOR VIOLATION. Any person violating any provision or term of this Chapter shall, upon conviction thereof, be punished by a fine of not more than three hundred ($300) dollars or by imprisonment for not more than ninety (90) days, or by both such fine and imprisonment. (0.1593, §9; 0.1739, §4)

CHAPTER 13.06A
FIRE HYDRANTS

13.06A.010. Definitions. For the purposes of this chapter the following terms, words, phrases and their derivations shall have the meaning given herein, unless the context otherwise indicates. When not inconsistent with the context, words used in the present tense include the future, words in the plural number include the singular number, and words in the singular number include the plural. The word "shall" is always mandatory.

A. "Approving authority" is the Fire Marshal of the Kent Fire Department or his/her designee.

B. "Fire Department" is the Kent Fire Department.

C. "Water Authority" is the Public Works Department, Water Utility Division of the City of Kent.

D. "A.W.W.A." is the American Water Works Association.

E. "A.P.W.A." is the American Public Works Association.

F. "U.L." is Underwriters Laboratories, Inc.

G. "U.B.C." is the Uniform Building Code as adopted by the City of Kent.

H. "U.F.C." is the Uniform Fire Code as adopted by the City of Kent.

I. "Public Hydrant" is a fire hydrant situated and maintained to provide water for fire fighting purposes without restrictions as to use for that purpose. The location is such
that it is accessible for immediate use of the fire authority at all times.

J. "Private Hydrant" is a hydrant situated and maintained to provide water for fire fighting purposes with restrictions as to use.

K. "Fire Flow" is the measure of the sustained flow of available water for fire fighting at a specific building or within a specific area at 20 pounds per square inch residual pressure.

L. "Fire Marshal" is the City of Kent Fire Marshal or his designee.

M. "Municipality" is the City of Kent.

13.06A.020. Fire Hydrants Required. All buildings or structures constructed within the City of Kent shall be served by fire hydrants installed in accordance with the requirements of this chapter. In addition, presently existing hydrants which do not conform with the requirements and standards of this ordinance when replaced, shall be replaced with hydrants which do conform to the standards and requirements of this chapter. All fire hydrants shall be served by a municipal water system, or as otherwise approved by the Fire Marshal. All hydrants shall be subject to testing, inspection and approval as determined by the Fire Marshal.

13.06A.030. Prohibited Installation. The installation of flush type hydrants is prohibited unless approved by the Fire Marshal and such approval shall only be given when approved fire hydrants would be dangerous or impractical as determined by the Fire Marshal. The showing of such danger or impracticability shall be the burden of the builder or other installer.

13.06A.040. Building Classification. All structures or buildings classified under the 1979 edition of the Uniform Building Code as A, B, E, H, I and R-1 (KCC 14.04.04) shall conform to the requirements and standards contained in this chapter for buildings or structures in commercial, industrial and apartment use district zones.

13.06A.050. Installation Requirements.

A. The installation of all fire hydrants shall be in accordance with the latest A.P.W.A. or A.W.W.A. standards. In addition the following requirements shall apply to all building construction projects:

B. Two copies of detailed plans and drawings, accurately indicating the location, size and type of all lines, valves and fire hydrants to be installed shall be submitted to the Fire Marshal for approval prior to any construction.

C. All fire hydrant piping, valves and related appurtenances shall be approved by the City of Kent Department of Public Works.

D. The fire hydrant installation and its attendant water system connection shall conform to the design and construction standards and specifications of the City of Kent.
E. Fire hydrants shall be adequately protected against vehicular damage by guard posts or other approved means.

F. An auxiliary gate valve shall be installed at the main line tee to permit the repair and replacement of the hydrant without disruption of water service.

G. All hydrants shall be plumb, + or - 3°, to be set to finished grade with the bottom flange 2" above the ground or curb grade and have no less than 36" in diameter of clear area around the hydrant for the clearance of hydrant wrenches on both outlets and the operating nut.

H. The largest port shall face the most likely direction of approach and location of the fire apparatus while pumping. Distance from the pumper port to the street curb shall be no further than 12' (feet). All the above shall be determined by the Fire Marshal.

I. The lead from the service main to the hydrant shall be no less than 6" (six inches) in diameter. Any hydrant leads over 50' (feet) in length from the water main to hydrant shall be no less than eight inches in diameter.

J. All hydrants installed in single family residential areas shall be supplied by not less than six inch mains and shall be capable of delivering 1,000 G.P.M. fire flow over and above average maximum demands at the farthest point of the installation.

K. All hydrants shall have at least five-inch minimum valve openings, "O" ring stem seal, two, 2-1/2 inch, national standard thread hose ports, one four 1/2 inch steamer port with national standard threads. In addition all hydrants shall meet A.W.W.A. standards for public hydrants and be of a type approved for use in the City of Kent by Department of Public Works.

L. All pipe shall meet the City of Kent standards as determined by the Department of Public Works. Piping located entirely within private property and maintained by the property owner shall meet the requirements and be approved by the Fire Marshal. The Fire Marshal may approve any piping material that has been tested and approved by a nationally recognized testing laboratory.

M. The maximum distance between hydrants in single family use district zones shall be 600 feet.

M. The maximum distance between hydrants in commercial, industrial, and apartment (including duplex) use zones shall be 300 feet.

N. Lateral spacing of hydrants shall be predicated on hydrants being located at street intersections.

O. The appropriate water authority and the fire department shall be notified in writing of the anticipated date the hydrant installation and its attendant water connection system will be available for use.
P. The Fire Marshal shall be notified when all newly installed hydrants or mains are placed in service.

Q. Where hydrants are out of service or have not yet been placed in service, they shall be identified as being out of service by a method approved by the Fire Marshal.

13.06A.060. Special Requirements. All buildings or structures shall be so located that there is at least one hydrant within 150' (feet) and no portion of said building or structure more than 300' (feet) from a hydrant. The Fire Marshal may, at his sole option, substitute wet or dry standpipes in lieu of the hydrant requirements where the installation of hydrants is impractical.

13.06A.070. Dead-end Mains Prohibited. Provision shall be made wherever appropriate in any project for looping all mains.

13.06A.080. No building permit shall be issued until all plans required by this chapter have been submitted and approved in accordance with the provisions of this chapter. No construction beyond the foundation shall be allowed until all hydrants and mains required by this chapter are in placed and approved.

Section 4. Ordinance 2413 is amended to include a Section 2, which was inadvertently omitted from said ordinance, as follows:

"Section 2. Chapter 13.08 Kent City Code "Fireworks" (Ordinance numbers 1242, 1247, 1796, 1873 and 1943) be and the same is hereby repealed."

Section 5. Any act consistent with the authority and prior to the effective date of this ordinance is hereby ratified and confirmed.

Section 6. Effective Date. This ordinance shall take effect and be in force five (5) days from and after its passage, approval and publication as provided by law.

ISABEL HOGAN, MAYOR

ATTEST:

BETTY GRAY, DEPUTY CITY CLERK

APPROVED AS TO FORM:

P. STEPHEN DIJULIO, CITY ATTORNEY

- 13 -
PASSED the 27th day of November, 1983. 
APPROVED the 8th day of November, 1983. 
PUBLISHED the 11th day of November, 1983. 

I hereby certify that this is a true copy of Ordinance No. 2131, passed by the City Council of the City of Kent, Washington, and approved by the Mayor of the City of Kent as hereon indicated. 

Betty Gray (Seal) 
BETTY GRAY, DEPUTY CITY CLERK