Ordinance No. 2663

(Amending or Repealing Ordinances)

CFN=205 – Uniform Building Codes
Passed 10/6/1986
Relating to fire prevention; amending Ch. 13.02 KCC to adopt the Uniform Fire Code, 1985 edition, with certain amendments and adding 13.10

Amended by Ord. 3410
Repeal Ch. 13.02 & 13.04 by Ord. 3691
Amended by Ord. 3963,3974 (Sec. 9.38.030)
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, 1985 edition, with certain amendments thereto.

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

13.02.010 UNIFORM FIRE CODE--ADOPTED. There is adopted by reference upon the effective date of this ordinance and upon the filing with the City Clerk of one copy thereof, the Uniform Fire Code, (1982) 1985 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.

13.02.020 UNIFORM FIRE CODE--ADDITION--SECTION 4.108. Article 4 of the Uniform Fire Code, (1982) 1985 Edition, (previously adopted by Section 13.02.010.) 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.

13.02.030 UNIFORM FIRE CODE--ADDITION--SECTION 10.210
There is hereby added to the Uniform Fire Code, 1985 Edition, (previously adopted by Section 13.02.010,) a new section to be designated as Section 10.210 Fire Lanes, to read as follows:

Section 10.210 Fire Lanes.
(a) Definitions. The following definitions shall apply in the interpretation and enforcement of this Section:

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.

2. Park, Parking, Stop, Stand or Stopping: 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.

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.

(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.

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

2. Lanes shall be identified by a 4 inch wide line on the edging or curb and by block letters (12-feet high) minimum 18" high and 3-1/2" stroke, 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 4 feet from the ground.

3. Fire lanes shall be either asphalt or rein-
forced concrete, 2 inches thick, minimum, or
other material as authorized by the fire
department.

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.

(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:

1. Stop, stand or park a vehicle, whether occupied
or not at any place where official fire lane
signs are posted, except:
   A) Momentarily to pick up or discharge a
      passenger or passengers; or
   B) Temporarily for the purpose of and while
      actually engaged in loading or unloading
      property.

(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 (b) 2.

(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 (b) and (d).

(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.

(g) Penalties. Any violation of the provisions of this
Section shall be a traffic infraction punishable by a
monetary penalty of not more than two hundred ($200)
dollars. The recommended bail for such a violation shall
be twenty (20) dollars plus state assessments and costs,
when applicable.
(h) Impound of Illegally Parked Vehicles. In addition to the penalties provided for in Subsection (g), 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.

13.02.040 UNIFORM FIRE CODE—ADDITION—SECTION 10.308.
Existing Sections 10.308-10.309-10.310 (~10.311) are hereby deleted and there is added to Article 10 a new section to be known as Section 10.308 (~10.309) "Automatic Sprinkler Systems" which shall read as follows:

Section 10.308.((10.309))
(a) Where required. An Automatic Fire Extinguishing System shall be installed in the occupancies and locations as set forth in this section.
(b) General.
1. All occupancies except Group R, Division 3 and Group M.
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. All rooms where nitrate film is stored or handled.
4. In protected combustible fiber storage vaults as defined in this code.
(c) Group A Occupancies.
1. In basements larger than 1,500 sq. ft. in floor area.
2. When the occupancy has 12,000 sq. ft. or more of floor area or is more than 40 feet in height.
3. In any enclosed usable space below or over a stairway in Group A, Divisions 2, 2.1, 3 and 4 Occupancies.
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 storeroms accessible to such stages or enclosed platforms.
EXCEPTIONS: Under stages or enclosed platform 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-resistive construction.
(d) Group B Occupancies
1. When the Occupancy has 12,000 sq. ft. or more of floor area or more than 40 feet in height.
2. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Article 81.
(e) Group E Occupancies
1. When the Occupancy has over 12,000 sq. ft. of floor area or more than 40 feet in height.
2. In basements larger than 1,500 sq. ft. of floor area.
3. In any enclosed usable space below or above any stairway.

(f) Group H Occupancies
1. In Group H, Division 1 and 2 Occupancies longer than 1,500 sq. ft. in floor area.
2. In Group H, Division 3 Occupancies longer than 3,000 sq. ft. in floor area.
3. In Group H, Division 4 Occupancies more than 40 feet in height or larger than 12,000 sq. ft. in area.
4. In rooms where flammable or combustible liquids are stored or handled in excess of 30 gallons of Class 1-A, 60 gallons of Class 1-B, 90 gallons of Class 1-C, 120 gallons of Class II, 250 gallons of Class III-A, or any combination of flammable liquids totaling 240 gallons.
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.

(g) Group I Occupancies.
EXCEPTIONS: (1) In hospitals of types I, II Fire-resistive and II 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. Increases 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.

(h) Group R-1 Occupancies.
1. When the occupancy has over 12,000 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.

(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-resistant 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-resistant 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-resistant 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-resistant 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.

   (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.

(1) 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; PROVIDED, however, that when a church building is increased in size, the sanctuary, and only the sanctuary, may be exempt from the provisions of this Section if:
   a. A heat and smoke detector system is installed with a 24 hour supervised central, proprietary or remote station. The system and supervising station agency shall be approved by the Chief, and
   b. The sanctuary for purposes of this section shall mean only that portion of the church used for worship services, and shall not include multi-purpose rooms or facilities, or rooms or facilities accessory to the sanctuary.

(m) Prior to approval by the Fire Department, all automatic sprinkler systems designed with 50 or more heads, excluding those designed for multi-family dwellings, shall be submitted to and reviewed by an approved agency for compliance with the current adopted fire codes. Approved agencies include, but are not limited to, Washington Survey and Rating Bureau, Factory Mutual, Industrial Risk Insurers, or other such agencies as approved by the Fire Chief.

(13.02.050. UNIFORM FIRE CODE--ADDITION--Subsection 10.207. There is added a new subSection (g) to Section 10.207, to read as follows:
   "(g) Grade. The maximum permitted grade for roads shall not exceed 12%.")

13.02.060. UNIFORM FIRE CODE--ADDITION--SECTION 10.207

There is hereby included in the Uniform Fire Code, 1985 edition, a new section to be designated Section 10.207, as follows:

(a) General. Fire apparatus access roads shall be provided and maintained in accordance with the provisions of this section.
(b) Where Required. Fire apparatus access roads shall be required for every building hereafter constructed when any portion of an exterior wall of the first story is located more than 150 feet from fire department vehicle access.

EXCEPTIONS: 1. When conditions prevent the installation of an approved fire apparatus access road, the chief may permit the installation of a fire-protection system or systems in lieu of a road, provided the system or systems are not otherwise required by this or any other code.
2. When there are not more than two Group R, Division 3 or Group M Occupancies, the requirements of this section may be modified, provided, in the opinion of the chief, fire-fighting or rescue operations would not be impaired.

(c) Permissible Modifications. Clearances or widths required by this section may be increased when, in the opinion of the chief, minimum clearances or widths are not adequate to provide fire apparatus access. For high-piled combustible storage, see Section 81.109.

(d) Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with a surface so as to provide all-weather driving capabilities.

(e) Width. The minimum unobstructed width of a fire apparatus access road shall be not less than 20 feet.

(f) Vertical Clearance. All fire apparatus access roads shall have an unobstructed vertical clearance of not less than 13 feet 6 inches.

**EXCEPTION:** Upon approval, vertical clearance may be reduced, provided such reduction does not impair access by fire apparatus and approved signs are installed and maintained indicating the established vertical clearance.

(g) Turning Radius. The turning radius of a fire apparatus access road shall be as approved by the chief.

(h) Turnarounds. All dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with approved provisions for the turning around of fire apparatus.

(i) Bridges. When a bridge is required to be used as access under this section, it shall be constructed and maintained in accordance with the applicable sections of the Building Code and using designed live loading sufficient to carry the imposed loads of fire apparatus.

(j) Grade. The gradient for a fire apparatus access road shall not exceed 12% unless otherwise approved by the chief.

(k) Obstruction. The required width of any fire apparatus access road shall not be obstructed in any manner, including parking of vehicles. Minimum required widths and clearances established under this section shall be maintained at all times.

13.02.080. 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 one copy thereof, the 1986 National Fire Code, published by the National Fire Protection Association, as the same may hereafter be amended.

Section 4. A new Chapter 13.10 Kent City Code is added as follows:

**CHAPTER 13.10 PENALTIES**

13.10.010. Unless otherwise specified in a chapter of this Title 13, any person, firm or corporation violating any provision of this Title 13 shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not to exceed five hundred (500) dollars or by imprisonment in the City.
Jail for not more than one hundred eighty (180) days, or by both fine and imprisonment. Each separate day or any portion thereof during which any violation of this code occurs or continues shall be deemed to constitute a separate offense, and upon conviction thereof shall be punishable as herein provided.

Section 5. 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.

DAN KELLEHER, MAYOR

ATTEST:

MARIE JENSEN, CITY CLERK

APPROVED AS TO FORM:

Bill Williamson, Acting

PASSED the 6th day of Oct, 1986.
APPROVED the 7th day of Oct, 1986.
PUBLISHED the 10th day of Oct, 1986.

I hereby certify that this is a true copy of Ordinance No. 86-130, passed by the City Council of the City of Kent, Washington, and approved by the Mayor of the City of Kent as hereon indicated.

MARI JE~R, CITY CLERK

3340-130