Ordinance No. 3054

["Beginning July 1, 1998"]

(Amending or Repealing Ordinances)

Amended by Ord. 3410
Repeal Ch. 13.02 by Ord. 3691
ORDINANCE NO. 3054

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, 1991 edition, with certain amendments thereto.

WHEREAS, the City Council of the City of Kent has determined that the enactment of comprehensive, uniform building regulations will promote the health, safety and welfare of the citizens of Kent; and

WHEREAS, such regulations include fire regulations which define minimum performance standards and requirements for construction and construction materials, consistent with accepted standards of engineering, fire and life safety; and

WHEREAS, the enactment of such fire regulations is consistent with the mandate of RCW 19.27.020; NOW, THEREFORE,

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

Section 1. Chapter 13.02.010 of the Kent City Code (Ordinances 2663 and 2920 as last amended by Ordinance 3020) is amended as follows:

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

Section 2. Chapter 13.02.020 of the Kent City Code (Ordinances 2663 and 2920 as last amended by Ordinance 3020) is amended as follows:


Article 4 of the Uniform Fire Code, (1991) 1991 Edition, is amended by adding a new section thereto, which shall be designated as Section 4.109 and which shall read as follows:

**PERMIT FEES.** The Fire Chief is authorized to prepare a schedule of fees applicable to fire permits and certificates hereafter issued, commensurate with the cost of administration and inspection involved in the processing, issuance and renewal of such permits and certificates. Any such schedule, when adopted by the City Council by resolution, shall govern the amount of the fee for any permit or certificate, which shall be collected by the Fire Department as a condition to issuance or renewal.

a) Permits 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 shall be issued only after inspections are performed and compliance is obtained.

c) Failure to pay for either an original permit or the required renewal within 30 days of the notice date shall constitute a violation of this code (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.)

Section 3. Chapter 13.02.030 of the Kent City Code (Ordinances 2663 and 2920 as last amended by Ordinance 3020) is amended as follows:


There is hereby added to the Uniform Fire Code, (1991 Edition, a new section to be designated as Section 10.210 Fire Lanes, to read as follows:

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 provided, and maintained in accordance with this section for the purpose of permitting fire apparatus and other fire fighting or emergency equipment to use, travel upon or park.

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.

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, fire lanes shall be provided and maintained around facilities which by their size, location, design, or contents warrant access which exceed that normally provided by the proximity of city streets. Such fire lanes shall conform to the following:
1. Lanes shall conform to requirements in Section 10.207.

2. Vertical curbs shall be identified by a bright yellow 6-inch wide stripe on the top and side extending the length of the designated fire lane. Minimum 4-inch red lettering, which shall read "No Parking - Fire Lane", shall be placed every 30 feet or portion thereof on the top and sides of the curb.

3. Rolled curbs or lanes without curbs shall be identified by a bright yellow 6-inch wide stripe on the curb or pavement extending the length of the designated fire lane. Minimum 3-inch red lettering, which shall read "No Parking - Fire Lane", shall be placed every 30 feet or portion thereof on the top of the rolled curb or pavement.

4. Fire lane signs shall be installed per the following information: signs shall be metal, reflective in nature with red letters on a white background. Signs shall state "No Parking - Fire Lane". Signs shall be posted on or immediately next to the curb line or on the building. When posts are required, they shall be a minimum of 2-inch galvanized steel or 4" x 4" pressure treated wood. Signs shall be 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 9 feet or less than 7 feet from the
Signs shall be placed so that they face the direction of vehicular travel.

5. 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 temporarily avoid conflict with other moving traffic or in compliance with the direction of a police officer, fire official, traffic control sign, signal, or device, no person shall:

1. Stop, stand or park a vehicle, whether occupied or not within any fire lane except:

   A) Momentarily to pick up or discharge a passenger or passengers; or
   B) Temporarily for the purposes of and while actually engaged in loading or unloading property.

2. Allow continued violations of this section on private property which they own or manage.

(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 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 building, they may require fire lanes to be constructed and maintained as detailed in (b) and (d).

(f) **Penalties.** Any violation of the provisions of Subsection (c) above 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 fifty (50) dollars plus state assessments and costs, when applicable.

(g) **Impound of Illegally Parked Vehicles.** In addition to the penalties provided for in Subsection (f), 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 an 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.

(h) **Property Owner Responsibility.** Fire lane markings shall be maintained at the expense of the property owner(s) as often as needed to clearly identify the designated area as being a fire lane. The owner, manager, or person in charge of any property upon which designated fire lanes have
been established, shall prevent the parking of vehicles or placement of other obstructions in such fire lanes.

Section 4. Chapter 13.02.040 of the Kent City Code (Ordinances 2663 and 2920 as last amended by Ordinance 3020) is amended as follows:

13.02.040 UNIFORM FIRE CODE-AMENDMENT-SECTION ((10.306))
10.507. ((Section 13.02.040 of the Kent City Code is hereby amended as follows:)) Section ((10.306)) 10.507 of Article 10 of the Uniform Fire Code is adopted by reference with the following amendments thereto:

Section ((10.306)) 10.507

(a) ((Where Required.)) General. An automatic fire-extinguishing system shall be installed in the occupancies and locations as set forth in this section.

1. "When additions, alterations or repairs cause a building to come within the requirements 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 multipurpose rooms or facilities, or rooms or facilities accessory to the sanctuary.

Prior to approval by the fire department all automatic sprinkler systems designed with 50 or more heads, excluding those designed for single and multifamily 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 chief."

For ((special)) provisions on special hazards and hazardous ((chemicals)) materials ((and magnesium, and calcium carbide)) see Section ((10.301)) 10.501 and ((45.209 and)) Articles 45, 48, 49 and 80.

2. "Notwithstanding any other requirements of this section, this code, or any other code or ordinance to the contrary, any building containing more that 12,000 square feet of floor area shall be equipped with an approved automatic sprinkler system. Area separation walls, as noted in Section 505(e) of the Uniform Building Code, shall not be considered to separate a building to enable deletion of the required sprinkler system."

(b) All Occupancies Except Group R, Division 3 and Group M. Except for Group R, Division 3 and Group M Occupancies, an automatic sprinkler system shall be installed:

1. In every story or basement of all buildings when the floor area exceeds 1500 square feet and there is not
provided at least 20 square feet of opening entirely above the adjoining ground level in each 50 lineal feet or fraction thereof of exterior wall in the story or basement on at least one side of the building. Openings shall have a minimum dimension of not less than 30 inches. Such openings shall be accessible to the fire department from the exterior and shall not be obstructed in a manner that firefighting or rescue cannot be accomplished from the exterior.

When Openings in a story are provided on only one side and the opposite wall of such story is more than 75 feet from such openings, the story shall be provided with an approved automatic sprinkler system, or openings as specified above shall be provided on at least two sides of an exterior wall of the story.

If any portion of a basement is located more than 75 feet from openings required in this section, the basement shall be provided with an approved automatic sprinkler system.

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. In 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. Drinking Establishments. An automatic sprinkler system shall be installed in rooms used by the occupants for the consumption of alcoholic beverages and unseparated accessory uses where the total area of such unseparated rooms and assembly uses exceeds 5,000 square feet. For uses to be considered as separated, the separation shall not be less than as required for a one-hour occupancy separation. The area of other uses shall be included unless separated by at least a one-hour occupancy separation.

2. Basements. An automatic sprinkler system shall be installed in basements classified as a Group A Occupancy when the basement is larger than 1,500 square feet in floor area.

3. Exhibition and display rooms. An automatic sprinkler system shall be installed in Group A Occupancies which have more than 12,000 square feet of floor area which can be used for exhibition or display purposes.

4. Stairs. An automatic sprinkler system shall be installed in enclosed usable space below or over a stairway in Group A, Divisions 2, 2.1, 3 and 4 Occupancies.

5. Multitheater Complexes. Every building containing a multitheater complex.

6. Amusement buildings. An automatic sprinkler system shall be installed in all amusement buildings. The main water-flow switch shall be electrically supervised. The
sprinkler main cutoff valve shall be supervised. When the amusement building is temporary, the sprinkler water-supply system may be of an approved temporary type.

**EXCEPTION:** An automatic sprinkler system need not be provided when the floor area of a temporary amusement building is less than 1,000 square feet and the exit travel distance from any point is less than 50 feet.

((5.)) 7. **Other areas.** An automatic sprinkler system shall be installed under the roof and gridiron, in the tie and fly galleries and in all places behind the proscenium wall of stages; over and within permanent platforms in excess of 500 square feet in area; and in dressing rooms, workshops and storerooms accessory to such stages or permanent platforms.

**EXCEPTIONS:**

1. Stages or platforms open to the auditorium room on three or more sides.
2. Altars, pulpits or similar platforms and their accessory rooms.
3. Stage gridirons when side-wall sprinklers with 135°F. rated head with heat-baffle plates are installed around the entire perimeter of the stage except for the proscenium openings at points not more than 30 inches below the gridiron or more than 6 inches below the baffle plate.
4. Under stage or under platform areas less than 4 feet in clear height used exclusively for chair or table storage and lined on the inside with materials approved for one-hour fire-resistive construction.

(d) Group B, Division 2 Occupancies. An automatic sprinkler system shall be installed in retail sales rooms classed as Group B, Division 2 Occupancies where the floor area exceeds 12,000 square feet or any floor or 24,000 square feet on all floors or in Group B, Division 2 retail sales occupancies more than three stories in height. The area of mezzanines shall be included in determining the areas where sprinklers are required.

(e) Group E. Occupancies.

1. **Basements.** An automatic sprinkler system shall be installed in basements classified as a Group E Occupancy when the basement is larger than 1500 square feet in floor area.

2. **Stairs.** An automatic sprinkler system shall be installed in enclosed usable space below or over a stairway in Group E Occupancies.

3. **Division 1.** An approved automatic fire-extinguishing system shall be installed in all newly constructed buildings classified as E-1 Occupancies constructed after July 1, 1992.

**NOTE:** For the purpose of this section, structural additions exceeding 60% of the appraised value of such building or structure, or alterations and
repairs to any portion of a building or structure within a twelve month period that exceeds 100% of the appraised value of such building or structure shall be considered new construction. In the case of structural additions, separation walls shall define separate buildings.

EXCEPTION: Portable school classrooms, provided:
A. Aggregate area of clusters of portable school classrooms does not exceed 5,000 square feet; and
B. Clusters of portable school classrooms separated as required in Chapter 5 of the Building Code.

When not required by other provisions of this chapter, a fire-extinguishing system installed in accordance with UBC Standard No. 38-1 may be used for area and height increases and substitution for one-hour construction as allowed by the Building Code.

(f) Group H. Occupancies.

1. **Division 1.** An automatic fire-extinguishing system shall be installed in Group H, Divisions 1, 2, 3, and 7 Occupancies.

2. **Division 4.** An automatic fire-extinguishing system shall be installed in Group H, Division 4 Occupancies having a floor area of more than 3000 square feet.
3. Division 6. An automatic fire-extinguishing system shall be installed throughout buildings containing Group H, Division 6 Occupancies. The design of the sprinkler system shall be not less than that required by the Building Code ((under U.B.C. Standard No. 38-1)) for the occupancy hazard classification as follows:

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>OCCUPANCY HAZARD CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabrication areas</td>
<td>Ordinary Hazard Group 3</td>
</tr>
<tr>
<td>Service corridors</td>
<td>Ordinary Hazard Group 3</td>
</tr>
<tr>
<td>Storage rooms without dispensing</td>
<td>Ordinary Hazard Group 3</td>
</tr>
<tr>
<td>Storage rooms with dispensing</td>
<td>Extra Hazard Group 2</td>
</tr>
<tr>
<td>Exit corridors</td>
<td>Ordinary Hazard Group 3</td>
</tr>
</tbody>
</table>

When the design area of the sprinkler system consists of a corridor protected by one row of sprinklers, the maximum number of sprinklers that need be calculated is 13.

(g) Group I Occupancies. An automatic sprinkler system shall be installed in Group I Occupancies.

EXCEPTIONS:

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 valve will cause the piping system to be charged. Sprinkler heads in such system shall be equipped with fusible elements or
the system shall be designed as required for deluge systems ((in)) by the Building Code. See U.B.C. Standard No. 38-1.

(h) Group R, Division 1 Occupancies. An automatic sprinkler system shall be installed throughout every apartment house three or more stories in height or containing 16 or more ((than 15)) dwelling units, in congregate residences three or more stories in height and having an occupant load of 50 or more, and ((every)) in hotels three or more stories in height or containing 20 or more guest rooms. Residential or quick-response standard sprinkler heads shall be used in the dwelling unit and guest room portions of the building.

Section 5. Chapter 13.02 of the Kent City Code (Ordinances 2663 and 2920 as last amended by Ordinance 3020) is amended by the addition of Section 13.02.050 to read as follows:


Section 6. Section 13.02.060 of the Kent City Code (Ordinances 2663 and 2920 as last amended by Ordinance 3020) is hereby amended as follows:

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

There is hereby included in the Uniform Fire Code, ((1985)) 1991 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.
I. **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. (0.2663))

Section 7. Chapter 13.02 of the Kent City Code (Ordinances 2663 and 2920 as last amended by Ordinance 3020) is hereby amended by the addition thereto of Section 13.02.080, to read as follows:

13.02.080 UNIFORM FIRE CODE STANDARDS ADOPTED. There is adopted by reference upon the filing of one copy thereof with the Kent City Clerk a certain document known as the Uniform Fire Code Standards, 1991 Edition, as amended by Chapter 51-25 of the Washington Administrative Code as currently enacted and as amended from time to time, also hereby adopted by reference.

Section 8. Chapter 13.02 of the Kent City Code (Ordinances 2663 and 2920 as last amended by Ordinance 3020) is hereby amended by the addition of Section 13.02.100. to read as follows:

Section 9. Effective Date. This ordinance shall take effect and be in force thirty (30) day from the date of its final passage as provided by law.

ATTEST:

DAN KELLEHER, MAYOR

BRENDA JACOBER, CITY CLERK

APPROVED AS TO FORM:

ROGER A. DUBOVICH, CITY ATTORNEY

PASSED the ___ day of ____, 1992.

APPROVED the ___ day of ____, 1992.

PUBLISHED the ___ day of ____, 1992.

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

BRENDA JACOBER, CITY CLERK

ufc.ord