SOUTH KING FIRE
31617 1st Ave S
Federal Way, WA 98003
Prevention: 253-946-7348

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SECURITY GATES ON FIRE DEPARTMENT ACCESS ROADS FOR COMMERCIAL OCCUPANCIES

FIRE PREVENTION GUIDELINES

SCOPE AND PURPOSE

Gates installed across designated fire apparatus access roads are an obstruction and are prohibited except when such gates are installed and maintained in accordance with the following provisions.

CODE AUTHORITY

International Fire Code (IFC)

SPECIAL PROVISIONS

1. Gates, when installed across fire apparatus access roads, shall be approved by the Fire Marshal's Office and shall comply with the all of the following.

   Locking or securing of gates shall be in a manner so as not to unduly fire department access. Acceptable gate **Automated** or **Manual gates**.

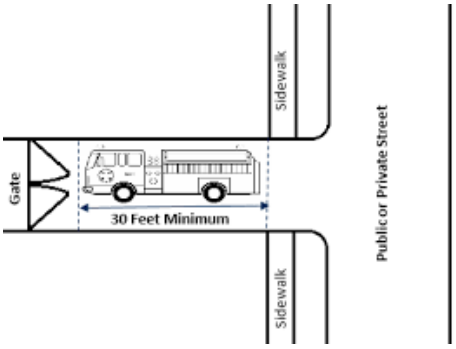
Automated Gates: Shall be installed in accordance with IFC Section 503.6 and the following:

- Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed, and installed to comply with the requirements of ASTM F2200. An approved means of fire apparatus exiting the gated premises shall also be provided.
  - Electronic sensing devices that are compatible with "Opticom" sending units used by SKF, **or**
  - A "Knox" brand gate & key switch with eLock capability. Go to www.knoxbox.com for ordering.
- A manual override or magnetic spring-loaded opening device shall be provided in the event of a power failure to allow the gate to open.

Manual Gates: Shall be equipped with the following:

- An exterior grade "Knox" brand padlock on a malleable chain. To purchase a "Knox" padlock, go to: www.knoxbox.com and click on "Shop Products" for the drop-down menu.

2. Gates, when fully opened, shall not reduce the required minimum (20') foot width, and/or the established width of the fire apparatus access road.
3. Gates shall be located at least thirty (30') feet from the intersecting roadway. (Unless approved otherwise)



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4. A construction permit is required when gates are installed across fire apparatus access roads. A Site plan, construction plans and specifications shall be submitted for review and approval prior to construction of the gates and/or installation of the sensing devices. The construction permit is obtained through the City of Federal Way or Des Moines development services.
5. Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times.
6. The approval of a gate(s) across fire apparatus access roads may be withdrawn where such gate(s) are not maintained in accordance with the conditions of approval.

Examples of single and dual sensing devices for automated gates:



Examples of Knox eLock Gate & Key Switch:







Examples of manual gates equipped with pad locks:

