



## **SOUTH KING FIRE & RESCUE**

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# **SECURITY GATES ON FIRE DEPARTMENT ACCESS ROADS FOR RESIDENTIAL OCUPANCIES**

## **FIRE PREVENTION GUIDELINES**

### **SCOPE AND PURPOSE**

This guideline establishes requirements for Fire Department access through primary and secondary security gates to residential areas.

### **CODE AUTHORITY**

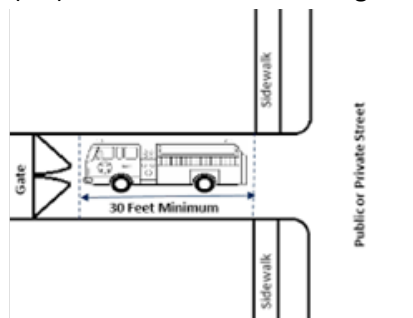
International Fire Code (IFC) sections 104.1 and 503.6.

### **SPECIAL PROVISIONS**

1. SKFR requires gates installed across Fire Department access roads shall be automated and equipped with remote electronic sensing opening devices which are compatible with SKFR systems.

Exceptions:

- a. Gates that are staffed twenty-four (24) hours a day.
  - b. Gates serving not more than two (2) residential units may utilize a manual gate secured with an approved Knox padlock.
  - c. Gates that are secondary access or egress from the development are allowed to be automatic or manually opened. The gate(s) shall be provided with an approved automatic sensing "Opticom" device or provided with a Knox Box equipped with a Knox brand toggle switch inside, and installed at an approved location (if automatic), or an approved Knox padlock (if manual).
4. The main or primary gated entrance to the premises shall be automated and equipped with electronic sensing device "Opticom" located so the transmitters located on fire department apparatus will operate the opening device(s) to provide easy and quick access for emergency responders.
  3. Gate openings shall open to a minimum width of fifteen (15') feet (if divided entry with one way in and one way out) and twenty (20') feet (if subject to two-way traffic) and have a vertical clearance of not less than thirteen-foot-six inches (13'6").
  5. Gates shall be located at least thirty (30') feet from the intersecting roadway.



6. Plans and specifications shall be submitted for review through the City of Federal Way or Des Moines Development Services for approval prior to construction of the gates and/or installation of the sensing device(s).
7. A manual override or magnetic spring loaded opening device shall be provided in the event of power failure to allow the gate to open. The manual operation shall be clearly identified with a painted red quick release pin.
8. No additional latching or locking devices are permitted unless approved by SKFR.
9. The approval of gate(s) across fire apparatus access roads may be withdrawn where such gate(s) are not maintained in accordance with the conditions of approval.