



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 sections 104.1 and 503.6.

SPECIAL PROVISIONS

1. SKFR requires that gates installed across fire department access roads be automated and equipped with remote 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 with a key secured in an approved lock box. Automatic gates may be provided with a Knox key switch or an approved opening code or device secured in an approved lock box.
 - c. Gates that are secondary access or egress from the development are allowed to be manually opened. The gate shall be provided with approved automatic device (if automatic) or approved chain / padlock (if manual).
2. 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").
 3. Sensing device(s) shall be located so the transmitters located on fire department apparatus will operate the opening devices to provide easy and quick access for the main entry only.
 4. Gates shall be located at least thirty (30') feet from the intersecting roadway.
 5. Electronic sensing devices installed shall be compatible with Opticom sending units used by SKFR.
Exception: A Knox key switch or Click2Enter may be allowed as a substitute to the sensing device.
 6. Plans and specifications shall be submitted for review and approval prior to construction of the gates and/or installation of the sensing devices(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.
 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 The approval of gate(s) across fire apparatus access roads may be withdrawn where such gate(s) are not maintained in accordance with the conditions of approval.