

STANDARD DETAILS & SPECIFICATIONS	Spec. No.	CFMO-A3
	Rev. Date	N/A
	Eff. Date	7/1/2003
	Approved By	J. Saunders
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SUBJECT: Installation of Security Gates for Access Roads and Driveways

SCOPE

This standard is applicable to gates installed across public or private fire department access roads and driveways serving both residential and commercial occupancies located within the unincorporated area of Santa Clara County.

DEFINITIONS

- Driveway: A vehicular access serving a single parcel of land consisting of not more than one primary single family dwelling, one secondary dwelling, and/or associated accessory structures.
- Access Roads: A vehicular access roadway serving more than a single parcel of land.
- Security Gate: A gate either manually or electronically controlled which separates access roads or driveways, allowing the passage of authorized vehicles and persons only.
- Electronic Control: An electronic device which controls the opening and closing operation of a gate by use of keys, coded number pads or remote control devices.
- Ranchland: Designated as "AR" by the County Planning Department per the Santa Clara County Zoning Ordinance.
- SRA: The State Responsibility Areas (SRA) of Santa Clara County lie within the emergency response area of the California Department of Forestry and Fire Protection and are regulated under Title 14 of the California Code of Regulations (as authorized by Public Resources Code §4290).

REQUIREMENTS

1. No gate may be installed across a required fire department access road or driveway without prior approval of the County Fire Marshal's Office. A detailed plan shall be submitted for review and approval prior to commencing any work.
2. Manual locking mechanisms, including padlocks, shall be of an approved type, and shall be installed in an approved manner. Installations which are designed to prohibit the cutting of a padlock, such as case-hardened or shielded locks, shall not be used unless a key and an approved Fire Department Lock Box is provided. (See #4 below)
3. Security gates equipped with electronic control devices shall have an approved fire department override key switch, and shall allow operation of the gate during power outages. (See #4 below)
4. Forms for ordering fire department approved key switches and padlocks can be obtained from the local fire department providing fire suppression. Contact the County Fire Marshal's Office for fire department referral information.
5. All manually operated gates shall be designed to remain in the open position when left unattended. Activation of an approved key switch for an electronically controlled gate shall open the gate and cause it to remain in the open position until reset by emergency response personnel.
6. When open, gates shall not obstruct any portion of the required width of the driveway or access road. (See Figure 1)

- 7. Within the State Responsibility Area (SRA) and areas designated by the County as Ranchlands, gate entrance width shall be at least 2 feet wider than the width of the traffic lane serving the gate.
- 8. Swing-style gates shall open a full 90 degrees and may swing in either direction (see #6 above). Sliding gates shall slide parallel to the security fence.
- 9. All gates providing access from a road to a driveway shall be located at least 30 feet from the roadway to allow a vehicle to stop and gate to open without obstructing traffic on that road. (See Figure 2)
- 10. Vertical clearance over required vehicular access roads and driveways shall be as follows:
 - a) Driveways (excluding SRA and Ranchlands): 13 feet 6 inches
 - b) Driveways within SRA and County designated Ranchlands and all access roads: 15 feet
- 11. Swing-style gates shall be adequately supported to prevent dragging, and shall be operable by one person.

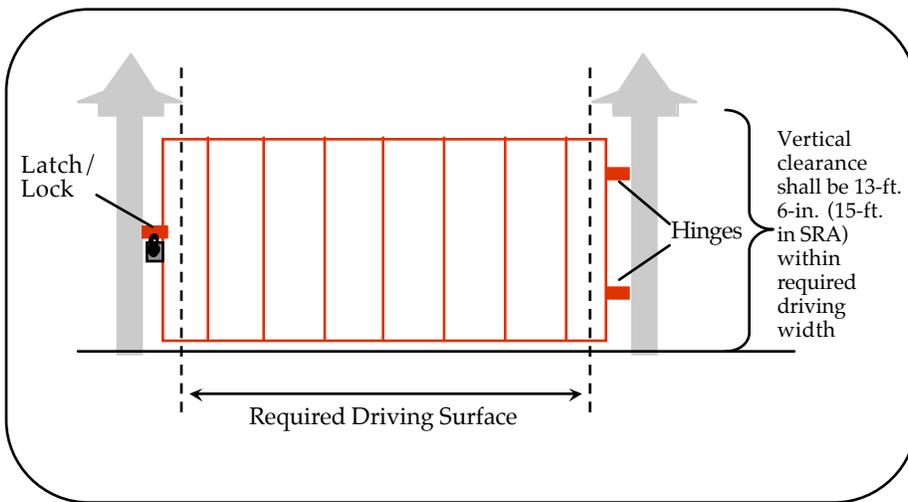


Figure 1

Figure 2

