

# TEHAMA COUNTY COOPERATIVE FIRE PROTECTION

Fire Protection Planning Bureau

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## Vehicle Impact Protection

Under authority of the California Fire Code (CFC), the following items are required by Tehama County Fire Department for all development located within the unincorporated areas of Tehama County. These requirements are minimums and may be superseded by Tehama County local regulations exceeding these standards.

### LPG Tanks

#### CFC Section 6107.4 Protecting containers from vehicles.

Where exposed to vehicular damage due to proximity to alleys, driveways or parking areas, LP-gas containers, regulators and piping shall be protected in accordance with CFC Section 312.

### Fire Hydrants

#### CFC Section 507.5.6 Physical protection.

Where fire hydrants are subject to impact by a motor vehicle, guard posts or other approved means shall comply with CFC Section 312.

### Vehicle Impact Protection

#### CFC Section 312.1 General.

Vehicle impact protection required by this code shall be provided by posts that comply with CFC Section 312.2 or by other approved physical barriers that comply with CFC Section 312.3.

#### CFC Section 312.2 Posts.

Guard posts shall comply with all of the following requirements:

1. Constructed of steel not less than 4 inches (102 mm) in diameter and concrete filled.
2. Spaced not more than 4 feet (1219 mm) between posts on center.
3. Set not less than 3 feet (914 mm) deep in a concrete footing of not less than a 15-inch (381 mm) diameter.
4. Set with the top of the posts not less than 3 feet (914 mm) above ground.
5. Located not less than 3 feet (914 mm) from the protected object.

#### CFC Section 312.3 Other barriers.

Physical barriers shall be a minimum of 36 inches (914 mm) in height and shall resist a force of 12,000 pounds (53 375 N) applied 36 inches (914 mm) above the adjacent ground surface.

