



# FIRE PREVENTION STANDARD

## KNOX KEY SWITCHES

### SCOPE

This standard applies to the installation of Knox key switches pursuant to section 503.6 of the California Fire Code, 2022 Edition.

### STANDARD

1. Gates are not permitted to obstruct fire department access roadways. In situations where property owners elect to install gates across a fire department access roadway, a key switch shall be installed for Fire District access. Key switches are required where the distance from the gate to the furthest portion of any structure on the property is greater than 150 feet.
2. No electronic security gate or obstruction to Fire District access shall be installed or erected within the Fire District without first obtaining approval. Furthermore, no gate shall be placed in operation until inspected and approved by the Fire District.
3. Gate installations across all public roadways and gates across private roadways/driveways, deemed to be a Fire Department access roadway, that serve single family homes, multiple homes, or complexes, are required to submit plans including specifications, dimensions, location, address, and property owner contact information for review and approval prior to installation.
4. Key switches shall be the Knox Company 3500 series, model 3501 or 3502 only.
5. Key Switches shall be installed in a location within 10 feet of the gate, along the roadway/driveway serving the gate, mounted no less than 4 feet and no more than 6 feet above grade.

### KNOX ORDERING PROCEDURE

1. Key switches may now be ordered online, directly from the Knox Company. Simply visit their website at [www.knoxbox.com](http://www.knoxbox.com) and click on "Rapid Entry System". Then select Knox Key Switches; enter SAN RAMON VALLEY in the Fire Department Name box, click OK and confirm that San Ramon Valley Fire Protection District is the jurisdiction you wish your device to be keyed to. Finally, complete the rest of the order form along with payment and submit the order.
2. Once the key switch has been received from the Knox Company, install it in accordance with the standard and plans if applicable.
3. Key switches will be tested during the final inspection of the construction permit and are a condition for final approval.