

# PIIONEER FIRE

# MEMORANDUM

TO: XX, Homeowner  
XX, General Contractor  
XX, Architect Engineer  
COPY: XX, EDC Building Official  
FROM: XX, Fire Prevention Officer  
DATE: XX, 2009  
SUBJECT: XX Residence at XX (Address), Somerset/Fair Play CA XX  
*EDC Building Permit Number XXX-XXX*

It is the General Contractor's responsibility to understand and adhere to all Pioneer Fire Code requirements in addition to any and all other Pioneer Fire Protection District requirements in effect at the time of EDC Building Permit issuance. Failure to comply with all local ordinances and codes may result in project work stoppage as well as criminal penalties.

The entire Pioneer Fire Protection District falls within the **VERY HIGH** rating of the Fire Hazard Severity Zones - California Department of Forestry and Fire Protection (CDF), Title 14 of the California Code of Regulations. This in turn brings the design requirements of Chapter 47 of the 2007 California Fire Code into effect on this project (structure).

The submitted plans for the above project (structure) are approved by the Pioneer Fire Protection District provided all of the following conditions are met and maintained as required:

1. The project shall meet all Pioneer Fire Code requirements.
2. Address numbers shall be placed in such a position to be plainly visible and legible from the road fronting the property. Numbers shall be four (4) inches tall, contrast with their background, and be positioned so that the bottom of the numbers is a minimum of:
  - Eight (8) inches above final grade for residences less than 2,999-feet of elevation
  - Twelve (12) inches above final grade between 3,000 and 3,999-feet of elevation
  - Eighteen (18) inches above final grade greater than 4,000-feet of elevation
3. Vehicle parking and material storage during construction shall not restrict or obstruct streets, roads, and/or access/egress to any structure. A **minimum** twelve (12) feet travel lane for emergency vehicle access shall be maintained clear and unobstructed at all times including during construction.

Office **530-620-4444** Facsimile **530-620-4317** [XXX@www.pioneerfire.org](mailto:XXX@www.pioneerfire.org)

**PIIONEER FIRE** - *Neighbors helping neighbors!*

4. An approved access roadway per the Pioneer Fire Code shall be installed prior to any combustible construction on the site. The road shall be a minimum of twenty (20) feet in width and capable of supporting an imposed load of at least 75,000 pounds. The road must be an all-weather driving surface maintained free, clear, and unobstructed at all times. In the Pioneer Fire Protection District, grades shall not exceed 7%; however, 10% may be permitted on straight sections. Roadway grades greater than 12% shall be chip-sealed, paved, or have a concrete surface above 3,000 feet of elevation. Dead-end access roadways exceeding 150 feet in length shall be provided with an approved turn-around. Gates on access roadways shall have a key safe (Knox box) installed for emergency vehicle access, and egress/access shall not be impeded by vegetation, topography, and/or snow. District approval for any roadways and gates shall be granted before ground disturbance.
5. An approved access driveway per the Pioneer Fire Code shall be installed prior to any combustible construction on the site. Each driveway shall serve no more than two (2) buildings. The driveway shall be a minimum of twelve (12) feet in width and capable of supporting an imposed load of at least 75,000 pounds. The driveway must be an all-weather driving surface maintained free, clear, and unobstructed at all times. In the Pioneer Fire Protection District, grades shall not exceed 16%; however, 20% may be permitted on straight sections. Driveway grades greater than 20% shall be chip-sealed, paved, or have a concrete surface. Dead-end access driveways exceeding 150 feet in length shall be provided with an approved turn-around. Gates on access driveways shall have a key safe (Knox box) installed for emergency vehicle access, and egress/access shall not be impeded by vegetation, topography, and/or snow. District approval for any driveways and gates shall be granted before ground disturbance. A driveway connecting to a county maintained road requires a County issued encroachment permit.
6. State Public Resource Code 4291 commonly referred to as the 100 feet and 30 feet minimum fuel reduction, egress/access standard, water supply, and/or fire safe regulations shall be required on this project BEFORE combustible construction begins.
7. Spark arrester(s) shall be installed on chimney(s) to comply with the 2007 California Fire and Mechanical Code.
8. **IF** a monitored fire detection system is installed or exists, it shall meet NFPA 72. An approved key box (Knox box) shall be installed, with the appropriate keys, for emergency fire department access in a location approved by the Fire District.

9. If the above project (structure) exceeds the maximum square footage allowed per the Pioneer Fire Code, but the existing municipal fire hydrant system satisfies fire flow requirements, no additional water supplies are required.
10. The above project (structure) exceeds the maximum square footage allowed per the Pioneer Fire Code; an approved fire protection water supply shall be readily available to the building prior to combustible construction.

NOTE: Fire District approval shall be obtained prior to installation of fire protection water supplies and inspection of installation by the Fire Prevention Officer or an appointee prior to backfill is required. Inspections must be scheduled at least 96 hours in advance.

11. An approved automatic fire sprinkler system shall be installed throughout the building per the Pioneer Fire Code and the requirements of NFPA 13. Residential fire sprinkler systems shall be annually tested and maintained per NFPA requirements. An approved Fire District connection, fire sprinkler flow bell, and key safe (Knox box) shall be installed in an approved location visible to approaching firefighters and the entire system shall be supervised by an approved alarm system. Two (2) sets of sprinkler system plans shall be submitted to the Pioneer Fire Protection District for approval and a permit is required prior to installation of any fire alarm system equipment. Inspections of fire detection systems by the Fire Prevention Officer or an appointee are required and must be scheduled at least 96-hours in advance.
12. An approved monitored fire sprinkler alarm system shall be installed per Pioneer Fire Code and the requirements of NFPA 72. Two (2) sets of alarm system plans shall be submitted to the Pioneer Fire Protection District for approval and a permit is required prior to installation of any fire alarm system equipment. Inspections of fire detection systems by the Fire Prevention Officer or an appointee are required and must be scheduled at least 96-hours in advance.
13. An approved fire detection system shall be installed per the Pioneer Fire Code and the requirements of NFPA 72. Two (2) sets of fire alarm system plans shall be submitted to the Pioneer Fire Protection District. A permit is required prior to installation of alarm systems. Inspections of fire detection systems by the Fire Prevention Officer or an appointee are required and must be scheduled at least 96 hours in advance.

14. An approved key box (Knox box), with the appropriate keys, shall be installed for emergency Fire District access in a location approved by the Fire Chief.
15. Inspections of Fire District permit required installations must be scheduled at least 96 hours in advance.
16. An 8-½ by 11-inch color coded site map of this project shall be provided to the Fire District. This site map shall show the locations of gas shut-offs, power shut-offs, fire sprinkler riser rooms, fire department connections, alarm panels or keypads, key safes (Knox boxes), access doors and windows, stairways, and any additional Fire District requirements.
17. Final inspections of all Fire District required installations by the Fire Prevention Officer or an appointee are required, and must be scheduled at least 96 hours in advance.