**CAL FIRE – SAN LUIS OBISPO**

**Fire Safety Plan**

Date: **August 20, 2014**

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| **Project Number:** | **Project Location:** |
| **Project City:** | **Cross Street:** |
| **Owner Name:** | **Owner Address:** |
| **City, State, Zip:** | **Owner Phone(s):** |
| **Agent Name:** | **Agent Address:** |
| **City, State, Zip:** | **Agent Phone(s):** |
| **Project Description:** | |

* The following **checked** items are required to be completed prior to final inspection of this project.
* Fire department final inspection can be scheduled by calling (**805) 543-4244, extension #3490**.
* Inspections will be completed on **Tuesday** for South County areas and **Thursday** forNorth Countyareas.
* Please have your County issued permit card on site and visible.
* Visit our website at [www.calfireslo.org](http://www.calfireslo.org/) for more information.

This project is located approximately  minutes from the closest CAL FIRE/San Luis Obispo County Fire Station. The project  located in State Responsibility Area for wildland fires, and designated as a  Fire Hazard Severity Zone. This project is required to comply with all fire safety rules and regulations including the California Fire Code, the Public Resources Code and any standards referenced therein.

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| **The following CHECKED standards are required:** |
| **SETBACK** 30-foot building setback from property line required for parcels 1 acre in size or larger  \*\***Note**: All setbacks are subject to S.L.O County Planning Department approval. |
| **FIRE SPRINKLERS** A fire sprinkler system is required for this project per local Fire Code. |
| Fire alarm bell must be installed and working at final inspection (If required by NFPA 13D). |
| Mount spare heads & wrench box in garage or near riser. (1 of each type) |
| **TANK** A water storage tank is required that gravity feeds a residential fire connection |
| gallons of **minimum** water storage is required for fire protection |
| **Note**: 2500 Gallon minimum. Structures within 50 feet of project are calculated as part of the tank capacity requirement. C-16 or FPE will calculate capacity of tank if project is sprinklered. |
| Tanks must be steel or concrete in High and Very High Fire Hazard Severity zones |
| Automatic Fill, Sight Gauge & Venting System required |
| Minimum 4-inch plumbing: Schedule 40 PVC or Iron Pipe |
| System must gravity drain to the Fire Department Connection |
| Fire connection shall be located on the approach to the structure(s) |
| Fire connection must be located not less than 50 feet & no more than 150 feet from  the structure |
| Fire connection must be located 10-12 feet from the edge of the driveway/road & 24-36”  above finished grade |
| Fire connection outlet valve must be a 2-1/2" brass National Standard male thread with brass or plastic cap. The outlet must face toward the driveway at a 90° angle. |
| If fire connection has less than 20 psi, then the word “DRAFT” will be clearly and permanently marked on the fire connection |
| Must maintain a 3 foot clear space around the circumference of the connection at all times |
| Blue dot reflector must be located near fire connection, visible to approaching vehicles |
| **HYDRANT** A fire hydrant is required that can deliver  gallons per minute for 2 hours. |
| **\*\*\*\***Must submit a completed Community Water System Verification Form |
| Must have two 2 1/2" outlets and one 4" outlet with National Standard threads |
| Must be located within 8 feet of the roadway |
| Place a blue dot road reflector on roadway, just off center, on the side of the hydrant |
| Hydrant must be located within  feet of the residence. |
| Must maintain a 3 foot clear space around the hydrant at all times |
| **ACCESS ROAD** A 20-foot wide access road is required |
| All weather surface capable of supporting 20 tons |
| 10 feet of fuel modification is required on both sides of road |
| Must provide an unobstructed vertical clearance of not less than 13’6” |
| Where road exceeds a 12% grade, it must be a nonskid surface |
| If road exceeds a 16% grade, it must be certified by an engineer |
| Road must be named & posted using the County standard signage |
| **DRIVEWAY** must be feetwide |
| All weather surface capable of supporting 20 tons |
| Where driveway exceeds a 12% grade, it must be a paved nonskid surface |
| If driveway exceeds a 16% grade, it must be certified by an engineer |
| 10 feet of fuel modification is required on both sides of the driveway |
| Must provide an unobstructed vertical clearance of not less than 13’6” |
| Driveways exceeding 300 feet require a fire engine turnaround within 50 feet of residence/structure |
| Driveways exceeding 800 feet require a turnout(s) at midpoint and no more than 400 feet apart  (**Exception**: 16’ wide driveways) |
| **BRIDGE** is required to support a fire engine load weight of 20 tons |
| Bridge must have a sign indicating load & vertical clearance limits at entrances |
| One-lane bridge: minimum 10’, turnouts at both ends, one-way signs, clear visibility |
| **GATE** entrance shall be 2 feet wider than width of traffic lane & located 30 feet from roadway. |
| Center line of lane turning radius must be at least 25 feet |
| Electric gates shall be maintained operational at all times and shall provide Fire Department emergency access via a “Knox” switch. A Knox application must be requested from the Prevention Bureau. Manual gates may be secured by a padlock. |
| Must be setback a minimum of 30 feet from the SLO County maintained road |
| **100’** **FLAMMABLE VEGETATION MANAGEMENT** around structures required. |
| Maintain a fire clearance of 30 feet around all buildings & structures |
| Within the area of 30’-100’ from structures, additional fire reduction measures shall be required. |
| Remove limbs located within 10 feet of chimney & trim dead/dying limbs that overhang the roof. Leaves, needles, or dead growth shall be removed from the roof |
| **LPG TANKS** Minimum separation from buildings & property lines for LPG above ground tanks is: 10 feet for 125-500 gallon container; 25 feet for 501-2,000 gallon container |
| Maintain a minimum vegetation clearance of 10 feet around LPG tanks or containers |
| **IGNITION RESISTANT CONSTRUCTION REQUIREMENTS** This project must meet all requirements of Chapter 7A of the 2013 California Building Code for Fire-Resistance-Rated Construction. Please contact the San Luis Obispo County Department of Planning & Building for more information at (805) 781-5600. |
| A Class  non-combustible roof is required that meets all requirements of Chapter 7A of the 2013 California Building Code. |
| **ADDRESS** Each residence requires separate address numbers, assigned by the San Luis Obispo County Department of Planning and Building. Please contact (805) 781-5157 for more information. |
| Highly visible with contrasting background permanent address numbers shall be placed at the driveway entrance and directional signs at each T or Y intersection (minimum 6” letter/number height, 1/2 inch stroke). Reflective numbers are highly recommended! |
| Highly visible address numbers shall be placed on the residence(s). (Minimum 6” letter/number height with 1/2 inch stroke). |
| **SMOKE & CARBON MONOXIDE DETECTOR** Smoke detectors are required in all sleeping areas and in hallways leading to sleeping areas. |
| **Comments**: |

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**Please note**: Any changes made to this project shall cancel the Fire Safety Plan and require new plans to be submitted to CAL FIRE for review and the issuance of a new fire plan. If this project is not completed within the time allotted by the Building Permit; it will be required to meet all applicable fire codes in effect at the time a new permit is issued and before final inspection of the structure. Any future change of occupancy will also require compliance with all codes in effect at that time.