



SHASTA LAKE FIRE PROTECTION DISTRICT

4126 ASHBY COURT

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REQUIREMENTS FOR ABOVEGROUND FUEL OIL TANK INSTALLATION WITHIN RESIDENTIAL AREAS

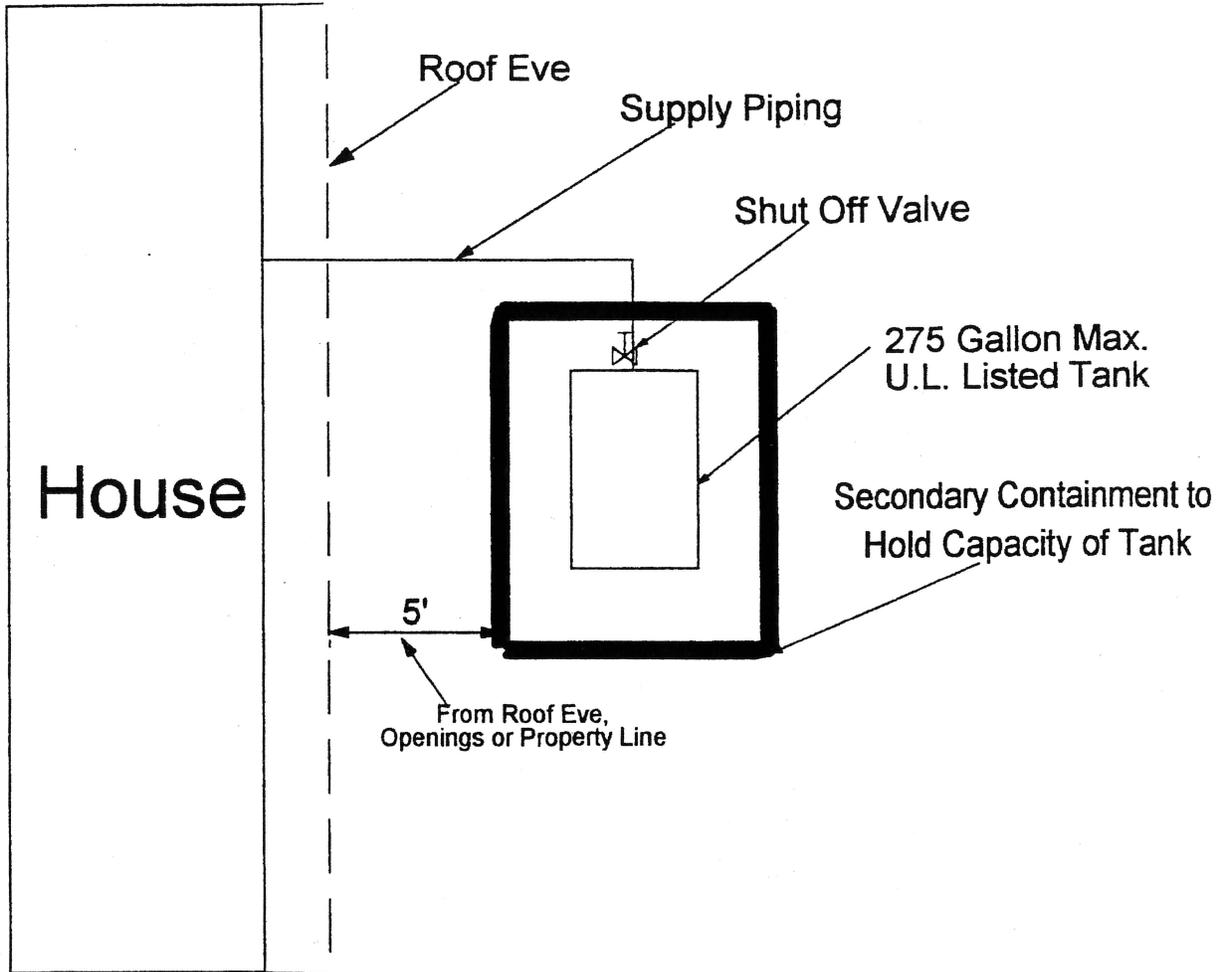
NOTE: These provisions apply to the installation of fuel oil tanks in residential areas **where underground natural gas distribution is not available** and wherein the tanks are a component of a closed pipe system supplying appliances within the residence.

1. A site plan shall be submitted to the Fire District with the location and size of the tank and the appropriate distances to buildings, property lines, access ways, other fuel tanks (such as liquefied petroleum gas (LPG)), and any other significant or relevant information about the site and shall be submitted on 11" x 17" or smaller paper. **Written approval must be provided by the Fire District to the Building Department prior to their issuance of a building permit.**
2. A permit shall be obtained from the Building Department with review and approval of the Fire District for the installation of a fuel oil storage tank (CFC 7901.3.1).
3. A **single aboveground tank** not exceeding 275 gallons capacity may be installed on a residential parcel in conformance with the following (CFC 7902.2.2.2):
 - a. Tank installation shall NOT be within a structure.
 - b. The tank shall be constructed in conformance with Underwriters Laboratories Standard 142.
 - c. The tank shall be equipped with emergency venting and shall limit tank pressure to 2.5 PSIG.
 - d. The tank and appliance shall be equipped with shut-off valves.
 - e. The tank shall be installed in accordance with the provisions of the CFC, 1998 Edition. These provisions require, in part, that tanks shall be a minimum of five (5) feet from the edge of the roof overhang, a minimum of five (5) feet from any openings (windows, doors, vents, etc.) in the structure and a minimum of five (5) feet from property lines. (See attached page for diagram)
 - f. The tank shall not be located adjacent to vehicle paths unless suitably protected from damage (CFC 7902.3.6). (See attached page for diagram)

- g. The tank location shall be maintained free of all combustible material, including non-irrigated vegetation, for a distance of fifteen (15) feet in all directions (CFC 7902.3.7)
 - h. The tank shall be installed on a noncombustible supporting structure approved by the Building Department. **NOTE: Plans with calculations, stamped by a licensed engineer or architect will be required for all support systems.**
 - i. All piping shall be of approved double wall construction designed to preclude environmental contamination.
 - j. Piping within the structure shall be continuous, only having fittings necessary to accommodate changes in piping direction.
 - k. The tank shall be equipped with a dike system to provide containment for any spillage.
4. **Multiple aboveground tanks or tanks with an aggregate capacity of greater than 275 gallons are not allowed.**
 5. Existing installations not meeting the standards set forth in this document shall NOT be refueled. They shall be referred to the Fire District for evaluation.
 6. Fuel suppliers shall complete an annual inspection of each installation to ensure on-going compliance with these standards. A copy of the annual inspection report shall be submitted to the Fire District.
 7. An inspection by the Building Department for compliance with the currently adopted Uniform Mechanical Code shall be conducted.
 8. An onsite inspection of the placement of the tank and pad must be completed by the Fire District and Building Department prior to the tank being filled by the fuel vendor.

ABOVEGROUND FUEL OIL TANK INSTALLATION

California Fire Code Article 79



Vehicle Protection if Needed

