



**COUNTY OF NEVADA
COMMUNITY DEVELOPMENT AGENCY**

Building Department
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(530) 265-1222 FAX (530) 265-8794 <http://mynevadacounty.com>

Craig Griesbach, Building Director

Underground Propane Tanks

Specific requirements:

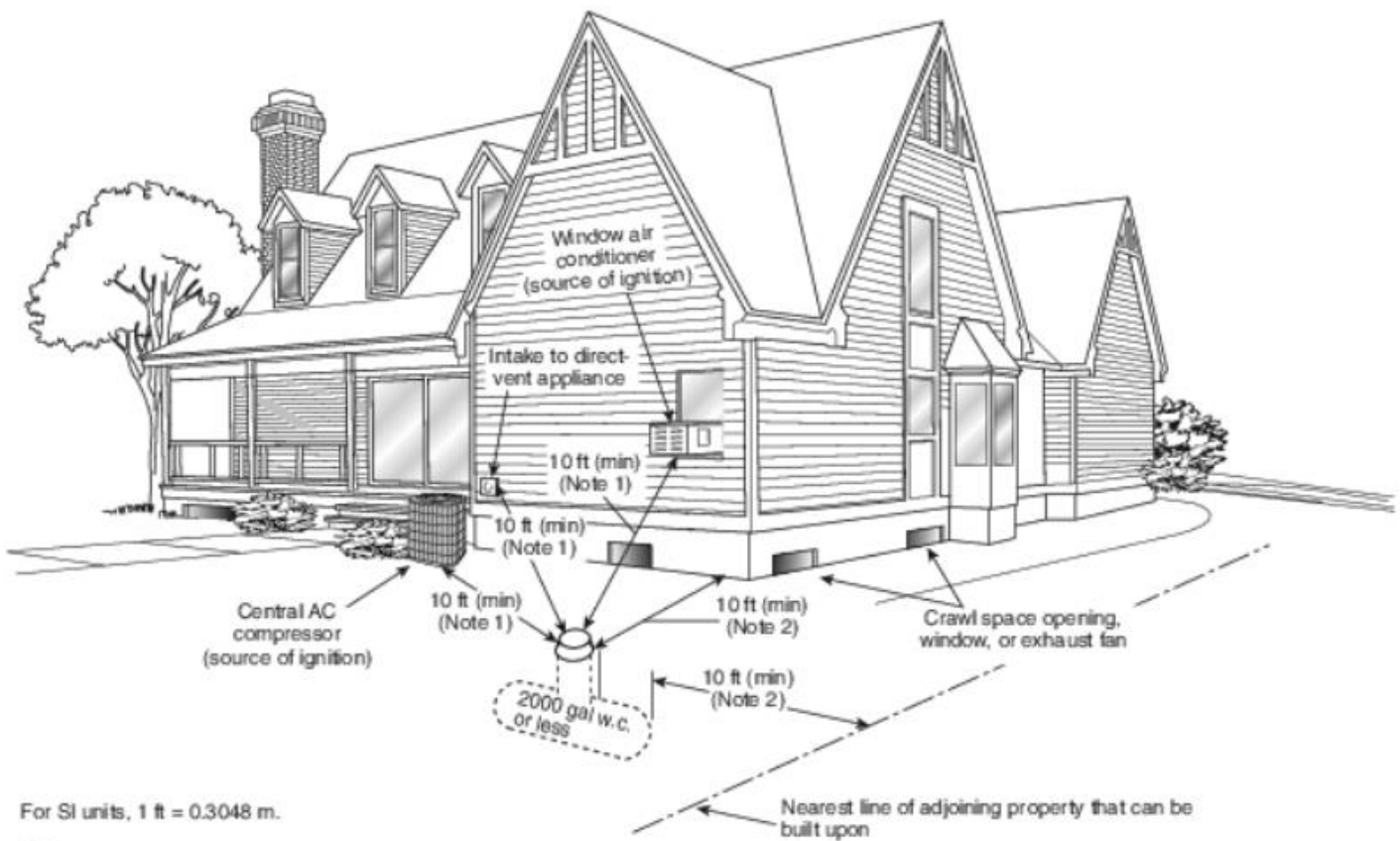
Provide the local fire department sign off on plot plan

- Tanks must be installed by qualified and trained individuals.
- ASME containers must be constructed and listed for underground service and MARKED accordingly.
- Have a factory applied epoxy coating,
- Anode protection
- If ground water is encountered or you're in a high water area. An engineered dead man system is required.
- See page two of this handout for underground tank locations and setbacks.

General Installation and Inspection Checklist:

1. ____ Bottom of hole level and free of rocks. If rocks are present a 6" bed of sand is needed.
2. ____ Bottom of the hole must be the proper depth to allow the dome to extend far enough above finish grade that water will flow away from the dome.
3. ____ Tank must be a minimum of 6" below grade or if subject action from traffic, a parking lot, etc. is encountered, it must 18" below grade and 5' from a driveway and 10' from a public road.
4. ____ Backfill must be free of rocks or abrasives
5. ____ If ground water or high water area dead man system is installed.
6. ____ Install the regulator so the vent is above the highest possible water level.
7. ____ Anode bags installed. 1@ 17 lb. for 500 gallon tank, 2@ 17lb. for 1000 gallon tank

Reference Codes: 2019 CA Plumbing Code, NFPA 58 & 2019 CA Fire Code



For SI units, 1 ft = 0.3048 m.

Notes:

(1) The relief valve, filling connection, and fixed maximum liquid level gauge vent connection at the container must be at least 10 ft from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes. Refer to 6.3.4.4.

(2) No part of an underground container can be less than 10 ft from an important building or line of adjoining property that can be built upon. Refer to 6.3.2.3.

