City of Bristol Building Department

Tank Information

Tanks (Oil or Propane)

The Building Department does not require an application for the removal of oil tanks. The Building Department requires an application for the installation of oil or propane tanks.

What is required?

Inside:
Heating Permit Application

Outside:
Heating Permit Application

Zoning Approval

Plot Plan (with the location of the tank drawn to scale)

See codes for Tanks: Underground Tank Spec, Underground ASME Tanks, Spacing Guide, and Above Ground Tanks

Building Department (860) 584-6215
Inspector's Direct Line (860) 584-6216

BUILDING DEPARTMENT
BRISTOL, CONNECTICUT

Permit Hours Monday to Friday
8:00 a.m. to 4:15 p.m.

APPLICATION & PERMIT TO DO HEATING & COOLING

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(All work shall comply with the State of Connecticut Building Code and any other applicable codes.)

Permit No: _____ Application Date_____

The undersigned hereby applies for a permit to install, alter, heating & cooling as per the following specifications:

JOB LOCATION: Lot #_____St. #_____Address:_____

Heating_____ Air Conditioning_____Ventilation_____Refrigeration_____

Owner: _____Address_____Phone_____

Builder: _____ Address_____ Phone_____

TYPE OF JOB: Residential_____ Commercial _____New Construction_____ Replacement_____

CODE EDITION: 2003 IRC_____ **2003 IMC** _____

DESCRIPTION OF WORK_____

TYPE OF SYSTEM: Warm Air_____ Hot Water_____ Steam_____ Oil_____ Gas_____

Tank Size_____ Tank Location_____ **Type Tank:** LP_____ Oil_____

HEATING

Make/Model of Unit_____ BTU/hr._____ Input_____ Additional Equip. Input._____

Building Heat Loss_____ **Design Temp**: Outside _____Inside _____Total CFM_____

Combustion Air Source: Inside_____ Outside_____ Total Cubic Ft_____

AIR CONDITIONING--VENTILATION--REFRIGERATION

Make/Model of Unit _____BTU/hr. Output_____ SEER_____

Building Heat Gain_____ **Design Temp:** Outside DB_____ Inside DB_____

Total CFM_____ Outside WB_____ Refrigerant Type_____

Heat Loss/Gain Calculations: Attached_____ As Per Plans_____ Other_____

BUSINESS: (Print Name) _____ADDRESS _____

LICENSE TYPE: _____NUMBER _____EXP DATE _____

CONTRACTOR :(Print Name) _____ADDRESS _____

TELEPHONE: _____ **ESTIMATED COST OF JOB**: _____

I hereby certify that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as an authorized agent and we agree to conform to all of the requirements of the laws of the State of Connecticut .

Signature: _____ Date Signed_____

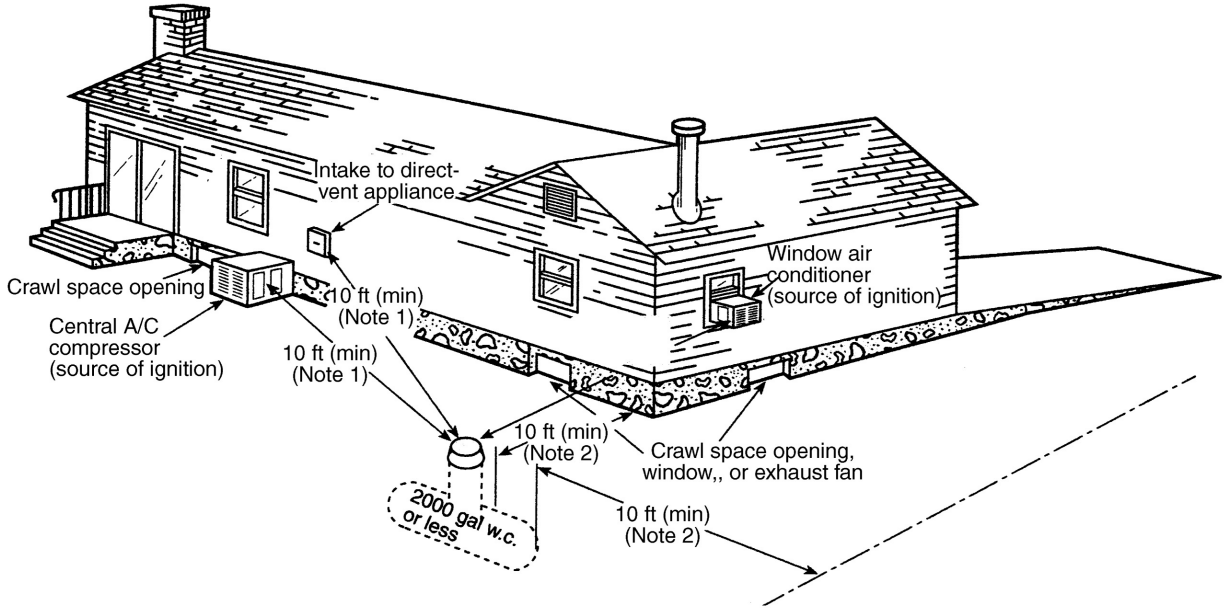
OFFICE USE ONLY State Ed. Fee $.26 per 1000.00 will be added to permit fee.

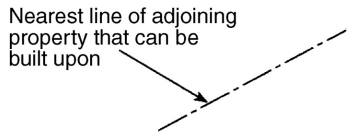
Building Permit #_____**Permit Type**_____ **Permit Description**_____

Fee_____**+ State Ed. Fee** _____**+ Late Fee**_____**= Total** _____ **Date Issued**_____ **Approved by**_____

Underground ASME containers (This figure for illustrative purposes only; local code shall govern)

Figure 3*



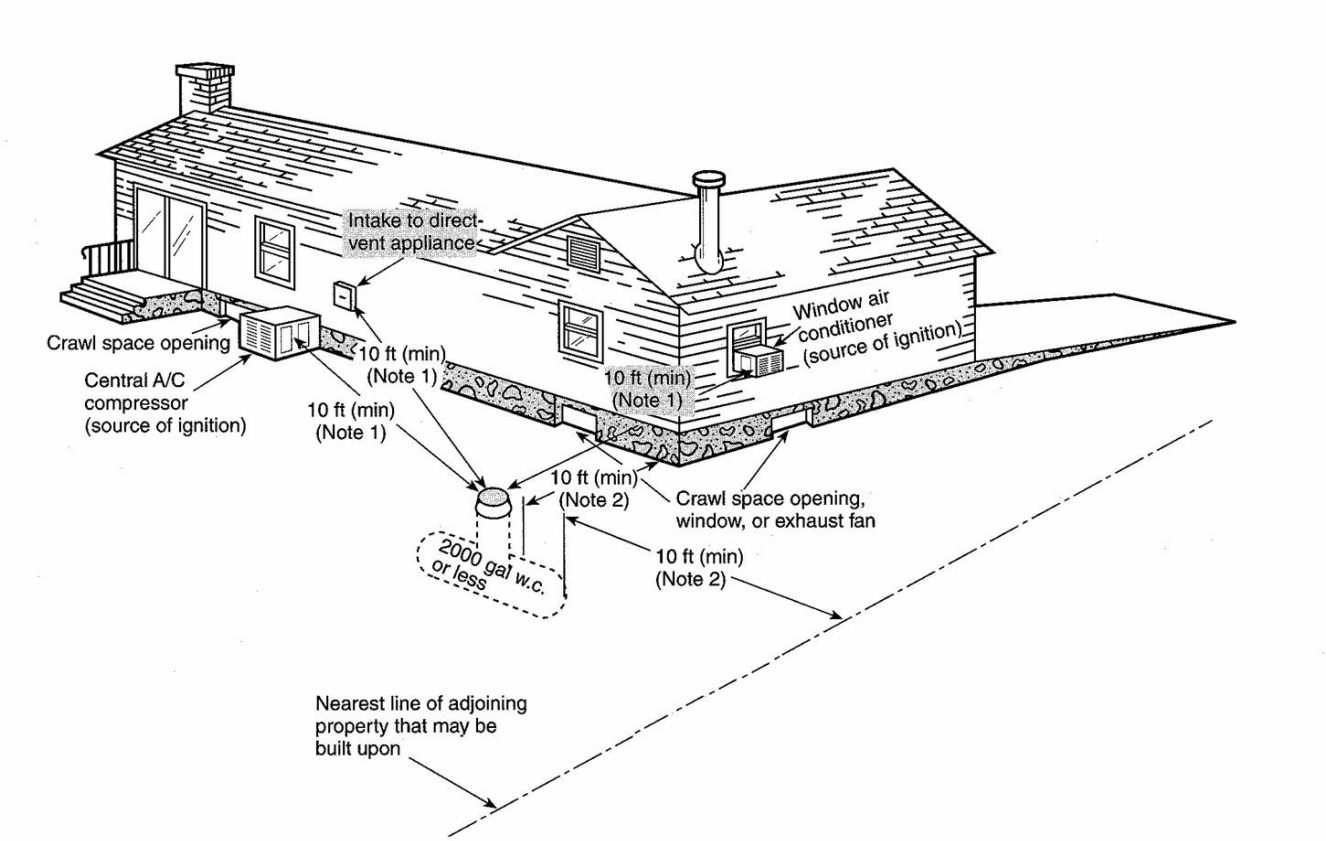


For SI units: 1 ft = 0.3048 m

Note 1: The relief valve, filling connection, and liquid fixed maximum 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 3.2.2.2(f).

Note 2: No part of an underground container shall be less than 10 ft from an important building or line of adjoining property that may be built upon. Refer to 3.2.2.2(f).

Underground ASME Tanks - Spacing



Notes:

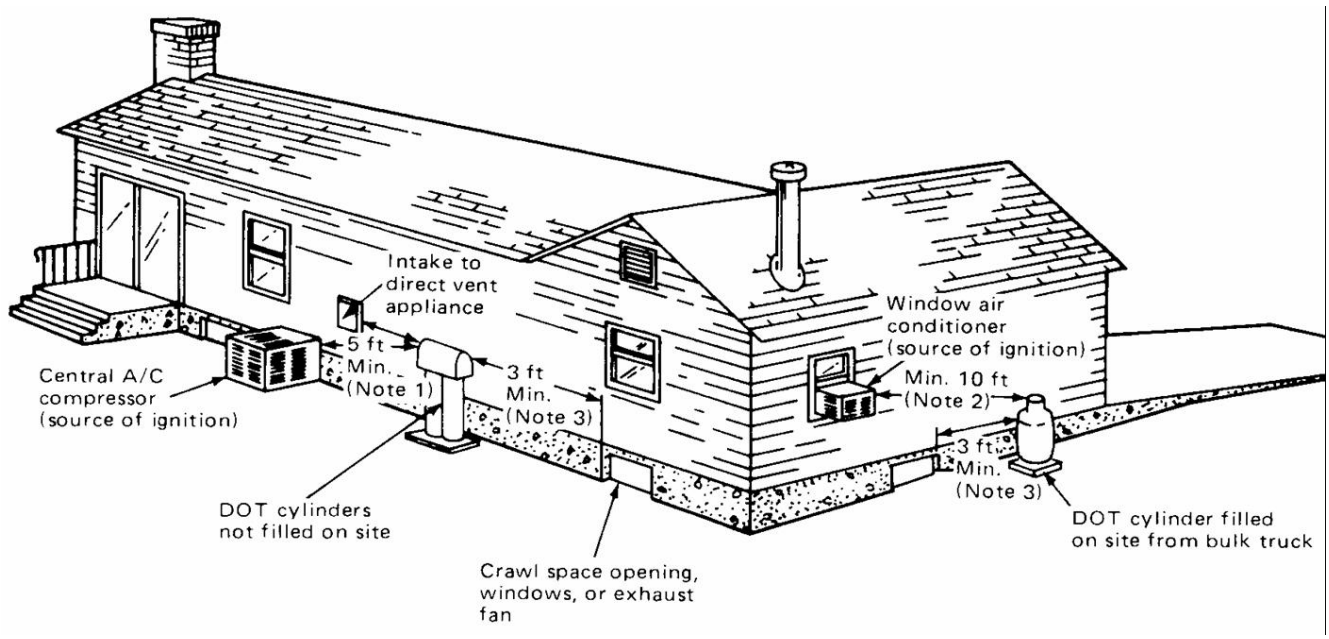
1: The relief valve, filling connection, and liquid fixed maximum level gauge vent connection at the container must be at least 10 ft from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes. Refer to 6.3.4.

2: No part of an underground container shall be less than 10 ft from an important building or line of adjoining property that can be built upon. Refer to 6.3.4.

NFPA 58, 2004 Edition, Annex I, Figure I.1(c)
Underground ASME Containers

(This figure for illustrative purposes only; local approved codes, regulations and the Authority Having Jurisdiction shall govern)

Cylinder - Spacing



Notes:

1: 5 Ft minimum from relief valve in any direction away from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes. Refer to 6.3.7.

2: If the cylinder is filled on site from a bulk truck, the filling connection and vent valve must be at least 10 ft from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes.

3: Refer to 6.3.7.

NFPA 58, 2004 Edition, Annex I, Figure I.1(a)
Cylinders

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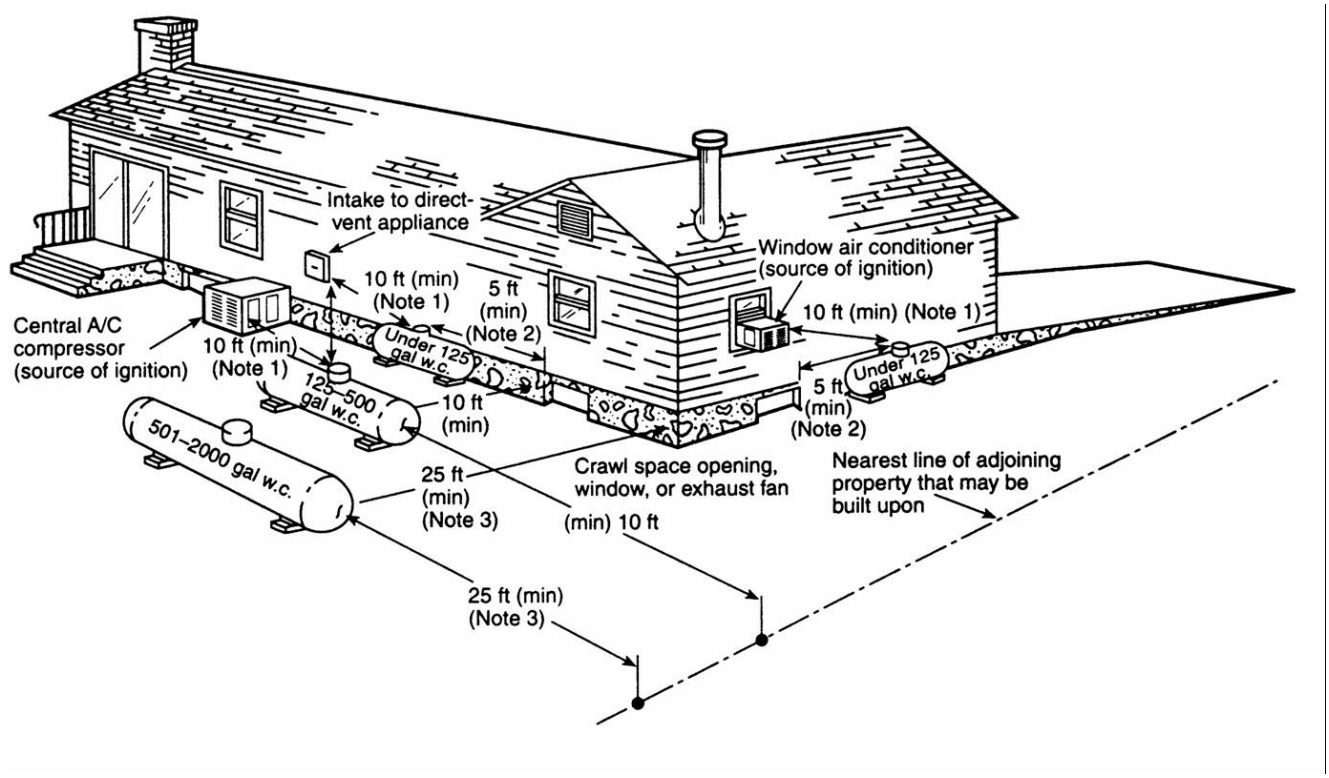
Aboveground ASME Tanks - Spacing



Notes:

1: Regardless of its size, any ASME container filled on site must be located so that the filling connection and fixed maximum liquid level gauge are at least 10 ft from any external source of ignition (e.g., open flame, window A/C, compressor), intake to direct-vented gas appliances, or intake to a mechanical ventilation system. Refer to 6.3.9.

2: Refer to 6.3.9.

3: This distance may be reduced to no less than 10 ft for a single container of 1200 gallon water capacity or less, provided such container is at least 25 ft from any other LP-Gas container of more than 125 gallons water capacity. Refer to 6.3.3.

NFPA 58, 2004 Edition, Annex I, Figure I.1(b)
Aboveground ASME Containers

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