LOCATION DISTANCES OF PROPANE AND OTHER TANKS FROM HOME

CODE CONDITION: NFPA 58 APPENIX 1: LESS THAN 125 GALLONS – MUST BE 5 FEET MIN. AWAY FROM WINDOW A/C (SOURCE OF IGNITION) AND 10 FEET MIN. AWAY FROM INTAKE TO DIRECT VENT APPLIANCE.

Notes:

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

2. May be reduced to 10 feet minimum for a single container of 1200 gallon water capacity or less if it is located at least 25 feet from any other LP-Gas container of more than 125 gallon water capacity.

3. Minimum distances from underground containers shall be measured from the relief valve and filling or level gauge vent connection at the container, except that no part of an underground container shall be less than 10 feet from a building or line of adjoining property which may be built upon.

4. Where the container may be subject to abrasive action or physical damage due to vehicular traffic or other causes it must be either: a) placed not less than 2 feet below grade, or b) otherwise protected against such physical damage.

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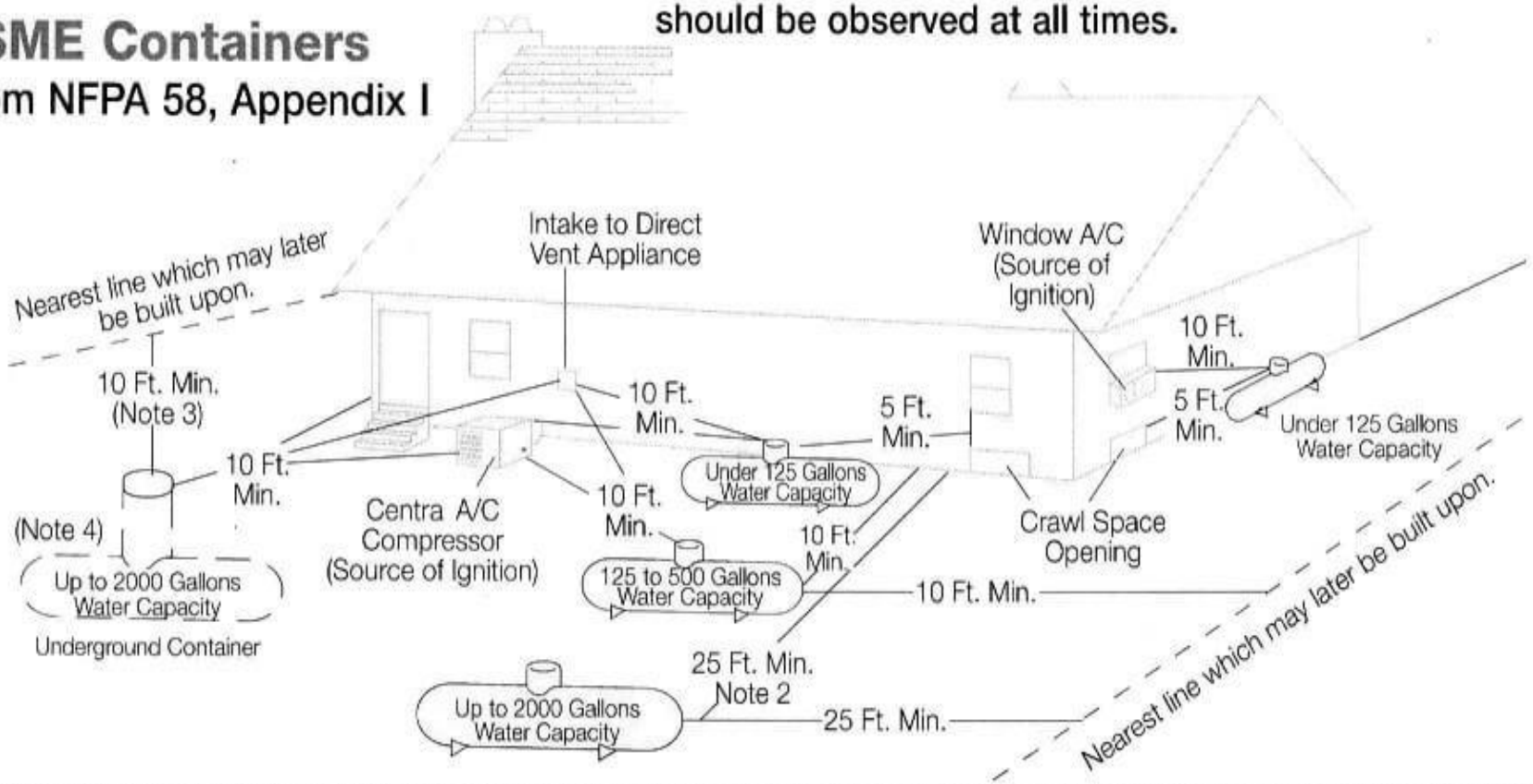
Location of ASME Containers

From NFPA 58, Appendix I

Federal, state, and local ordinances and regulations should be observed at all times.



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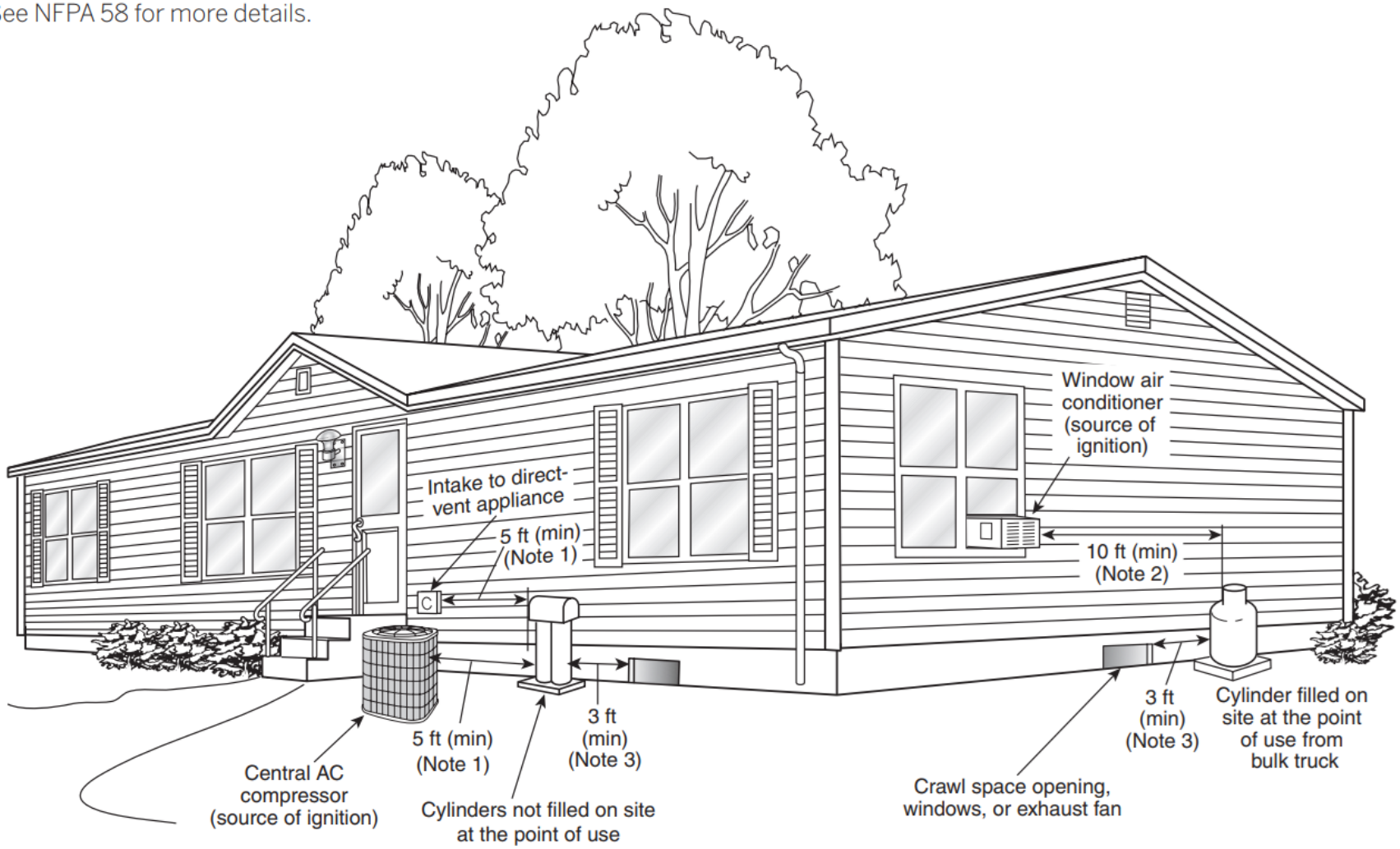
See NFPA 58 for more details.



For SI units, 1 ft = 0.3048 m.

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Table 6.4.1.1 Separation Distances Between Containers, Important Buildings, and Line of Adjoining Property That Can Be Built Upon

Water Capacity per Container		Minimum Distances					
		Mounded or Underground Containers[a]		Aboveground Containers		Between Containers[b]	
gal	m^3	ft	m	ft	m	ft	m
<125[c]	<0.5[c]	10	3	0[d]	0[d]	0	0
125–250	0.5–1.0	10	3	10	3	0	0
251–500	>1.0–1.9	10	3	10	3	3	1
501–2,000	>1.9–7.6	10	3	25[e]	7.6	3	1
2,001–30,000	>7.6–114	50	15	50	15	5	1.5
30,001–70,000	>114–265	50	15	75	23		
70,001–90,000	>265–341	50	15	100	30	¼ of sum of	
90,001–120,000	>341–454	50	15	125	38	diameters of	
120,001–200,000	>454–757	50	15	200	61	adjacent	
200,001–1,000,000	>757–3,785	50	15	300	91	containers	
>1,000,000	>3,785	50	15	400	122		

[a]See 6.4.2.1.
[b]See 6.4.4.5.
[c]See 6.4.4.4.
[d]See 6.4.4.1, 6.4.4.2, 6.4.4.3, and 6.4.4.4.
[e]See 6.4.1.3.