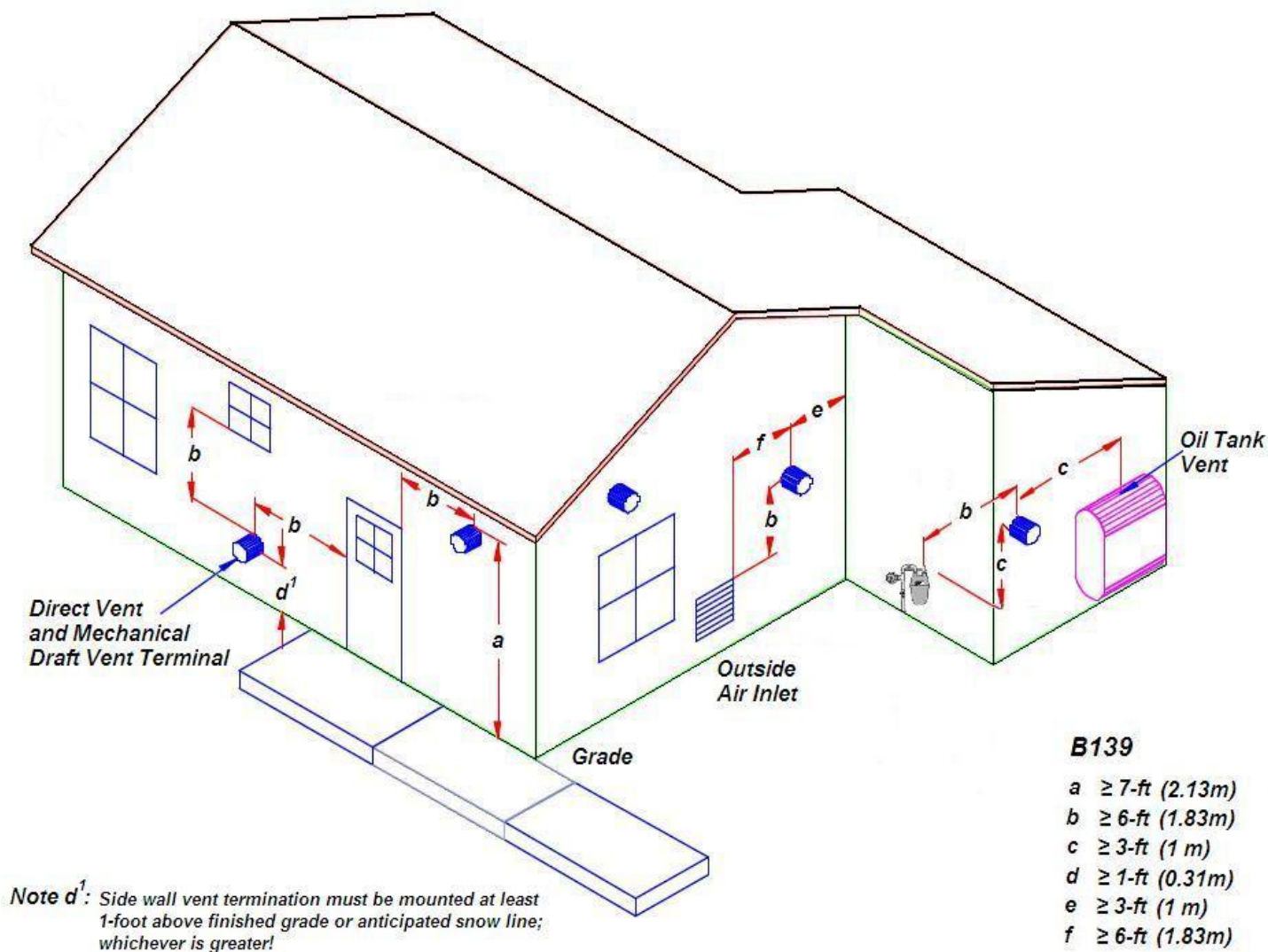


CSA "B139" Direct Vent Placement / Requirements



In Canada, based on CSA B139 placement of the vent must ensure that it shall not terminate:

- a) Directly above a paved sidewalk or a paved driveway that is located between two buildings and that serves both buildings.
- b) Less than 2.13 m (7 ft) above any paved sidewalk or any paved driveway (Dimension "b").
- c) Within 1.8m (6 ft) of an opening window, door or mechanical air supply inlet to any building **including soffit openings** (Dimension "b" and "f").
- d) Above a gas meter / regulator assembly within 1 m (3 ft) of the vertical centerline of the regulator on a horizontal plane perpendicular to the regulator.
- e) Within 1.8m (6 ft) of any gas service regulator vent outlet or within 1m (3 ft) of an oil tank vent or an oil tank-fill inlet.
- f) Less than 0.3m (1 ft) above grade level (Dimension "d").
- g) Within 1.8m (6 ft) of any combustion air inlet, unless the furnace is otherwise certified (Dimension "b").
- h) Within 1.8m (6 ft) of the property line.
- i) Underneath a veranda, porch or deck.
- j) So that the flue gases are directed at combustible material or any opening surrounding buildings that are within 1.8m (6 ft)
- k) Less than 1m (3 ft) from an inside corner of an L-shaped structure (Dimension "e").
- l) So that the bottom of the vent termination opening is less than 0.3m (1 ft) above any surface that may support snow, ice, or debris: and
- m) So that the flue gases are directed towards brickwork, siding or other construction, in such a manner that may cause damage from heat or condensate from the flue gases.