

Exterior Wall Fire-Resistive Construction Requirements for 1 and 2 Family Dwellings
 (As required by Section R302, 2012 International Residential Code and amended by the 2012 Virginia USBC)

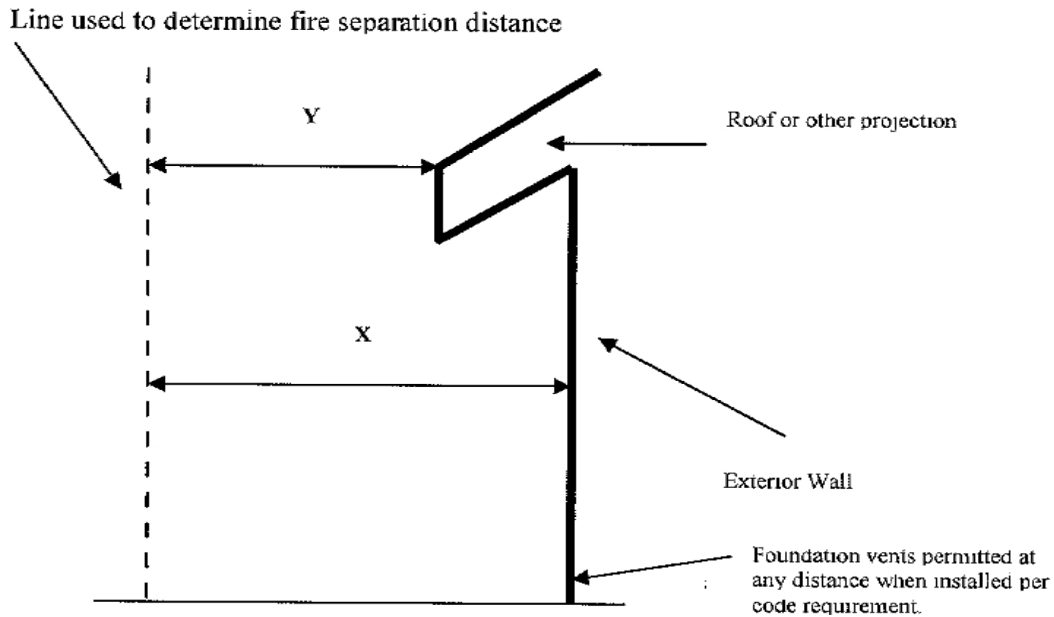


TABLE R302.1(1) EXTERIOR WALLS

EXTERIOR WALL ELEMENT		MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
Walls	Fire-resistance rated	1 hour—tested in accordance with ASTM E 119 or UL 263 with exposure from both sides	< 5 feet
	Not fire-resistance rated	0 hours	≥ 5 feet
Projections	Fire-resistance rated	1 hour on the underside	≥ 2 feet to < 5 feet
	Not fire-resistance rated	0 hours	≥ 5 feet
Openings in walls	Not allowed	N/A	< 3 feet
	25% maximum of wall area	0 hours	3 feet
	Unlimited	0 hours	5 feet
Penetrations	All	Comply with Section R302.4	< 5 feet
		None required	5 feet

FIRE SEPARATION DISTANCE – The distance measured from the building face to one of the following:

4. To the closest interior lot line; or
5. To the centerline of a street, an alley, or public way; or
6. To an imaginary line between two buildings on the lot.

The distance shall be measured at a right angle from the face of the wall.