

Southwest Washington Chapter of ICC This construction detail is illustrative of the minimum standard

of construction based upon the 2021 IRC / WAC 51-51

Visit our web site at: www.sww-icc.org

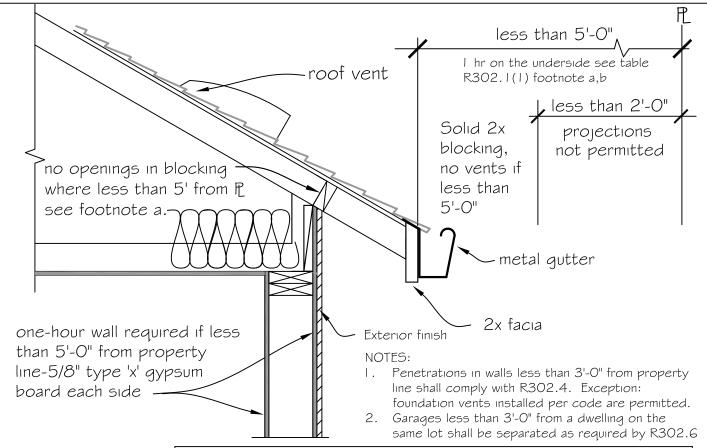


	Table R302.1(1) Exterior Walls Non-sprinklered		
exterior wall element	exterior wall element	minimum fire-resistance rating	minimum fire separation distance
Walls	(fire-resistance rated)	I-hour tested in accordance with ASTM EII9 or UL 263 with exposure from both sides	<5'-0"
	(not fire-resistance rated)	O hours	≥ 5'-O"
Projections	Not allowed	N/A	< 2'-0"
	(fire-resistance rated)	I hour on the underside (a,b)	\geq 2'-0" to < 5'-0"
	(not fire-resistance rated)	O hours	≥ 5'-O"
Openings in walls	Not allowed	N/A	< 3'-0"
	25% maximum of wall area per story	O hours	3'-0"
	unlimited	O hours	5'-0"
Penetrations	All	comply with section R302.4	<3'-0"
	All	none required	3'-0" note a

Table R302.1(1) footnote:

- Roof eave fire-resistance rating shall be permitted to be reduced to 0 hours on the underside of the eave if fire blocking is provided from the wall top plate to the underside of the roof sheathing.
- b. Roof eave fire-resistance rating shall be permitted to be reduced to 0 hours on the underside of the eave provided no gable vent openings are installed.