



ATTACHED GARAGE FIREWALLS

*A Building permit is required for any alteration or addition to any existing building or structure. *MN State Building Code Section 1300.0120 Subpart 1.*

R302.5 Dwelling/garage opening/penetration protection.

Openings and penetrations through the walls or ceilings separating the *dwelling* from the garage shall be in accordance with [Sections R302.5.1](#) through [R302.5.3](#).

TABLE R302.6 DWELLING/GARAGE AND/OR CARPORT SEPARATION

SEPARATION	MATERIAL
From the residence and attics	Not less than 1/2-inch gypsum board or equivalent applied to the garage side. Vertical separation between the garage and the residence attic shall extend to the roof sheathing or rafter blocking.
From all habitable rooms above the garage <i>or carport</i>	Not less than 5/8-inch Type X gypsum board or equivalent
Structure(s) supporting floor/ceiling assemblies used for separation required by this section	Not less than 1/2-inch gypsum board or equivalent applied to the garage side of structural members supporting the floor/ceiling assemblies or garage ceiling. Structural members include, but are not limited to: walls columns, beams, girders, and trusses.
Garages located less than 3 feet from a dwelling unit on the same lot	Not less than 1/2-inch gypsum board or equivalent applied to the interior side of exterior walls that are within this area. This provision dose not apply to garage walls that are perpendicular to the adjacent dwelling unit wall.

R302.5.1 Opening protection.

Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1³/₈ inches (35 mm) in thickness, solid or honeycomb-core steel doors not less than 1³/₈ inches (35 mm) thick, or 20-minute fire-rated doors, equipped with a self-closing device

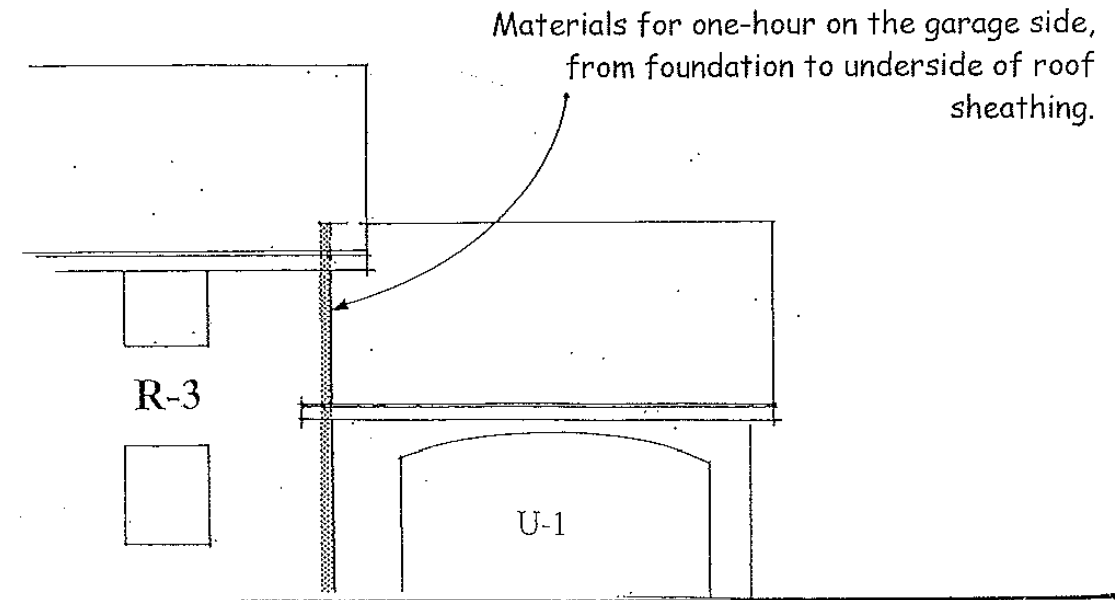
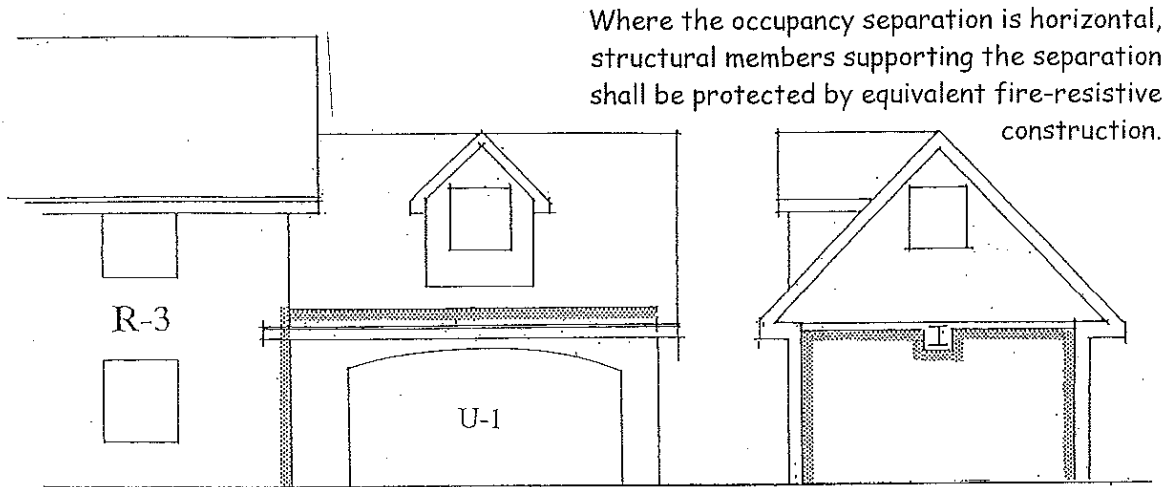
R302.5.2 Duct penetration.

Ducts in the garage and ducts penetrating the walls or ceilings separating the *dwelling* from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other *approved* material and shall have no openings into the garage.

R302.5.3 Other penetrations.

Penetrations through the separation required in [Section R302.6](#) shall be protected as required by [Section R302.11](#), Item 4.

OCCUPANCY SEPARATIONS:



The language & depictions in this hand out is meant as a guide for the construction code & building process and may not contain exact code language. For exact code you may go online at www.revisor.mn.gov or contact the Austin Building Department.