



IRC Code Handout

IRC Section R302: Dwelling/Garage Separation

R302.5 Dwelling-garage opening and 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.

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 1 3/8 inches (35 mm) in thickness, solid or honeycomb-core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire-rated doors, equipped with a self-closing or automatic-closing device.

R302.5.2 Duct penetration: Ducts in the garage and ducts penetrating the walls or ceiling 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 not have openings into the garage.

R302.5.3 Other penetrations: Penetrations through the separation required in Sections R302.6 shall be protected as required by Section R302.11, Item 4.

R302.6 Dwelling-garage fire separation: The garage shall be separated as required by Table R302.6. Openings in garage walls shall comply with Section R302.5. Attachment of gypsum board shall comply with Table R702.3.5. The wall separation provisions of Table Rx 302.6 shall not apply to garage walls that are perpendicular to the adjacent dwelling unit wall.

Table R302.6 Dwelling-Garage Separation

Separation	Material
From the residence & attics	Not less than 1/2 inch gypsum board or equivalent applied to the garage side
From habitable rooms above the garage	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
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.

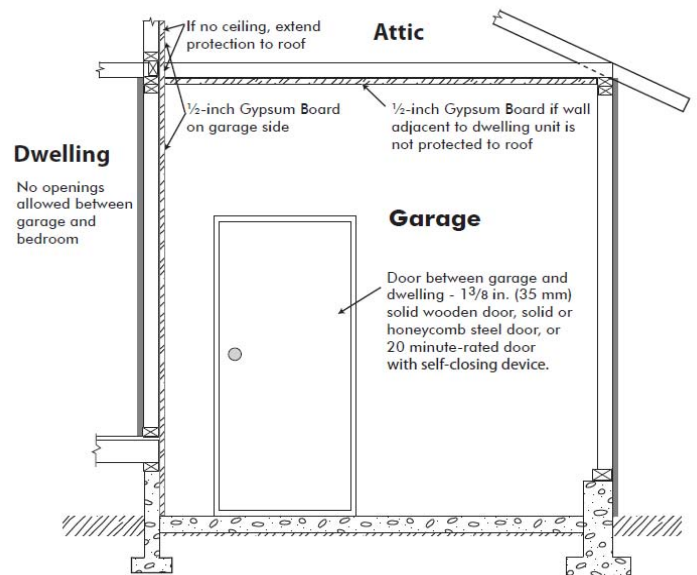


Figure A

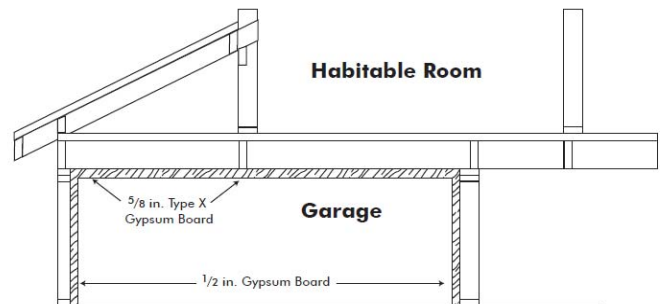


Figure B