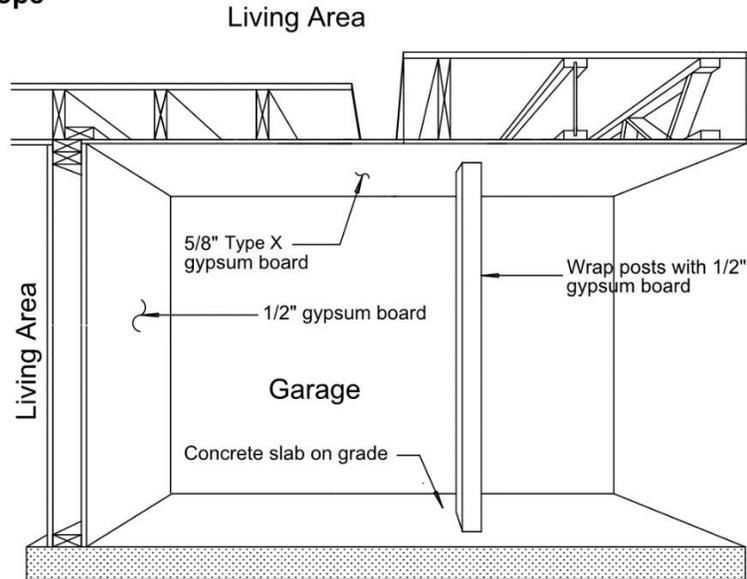


This Tip Sheet reflects code requirements of the 2015 International Residential Code (IRC)

Table R302.6 - Dwelling-Garage Separation

Separation	Material
From the residence and attics	Not less than ½-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 ½-inch gypsum board or equivalent.
Garages located less than 3 feet from a dwelling unit on the same lot	Not less than ½-inch gypsum board or equivalent applied to the interior side of exterior walls that are within this area

Envelope



Dwelling / Garage Separation

Fastening per IRC Table R702.3.5:

5/8" Type X at Ceiling:

- Apply perpendicular to framing, fasten with 1 7/8" 6d cooler nails or equivalent screws.

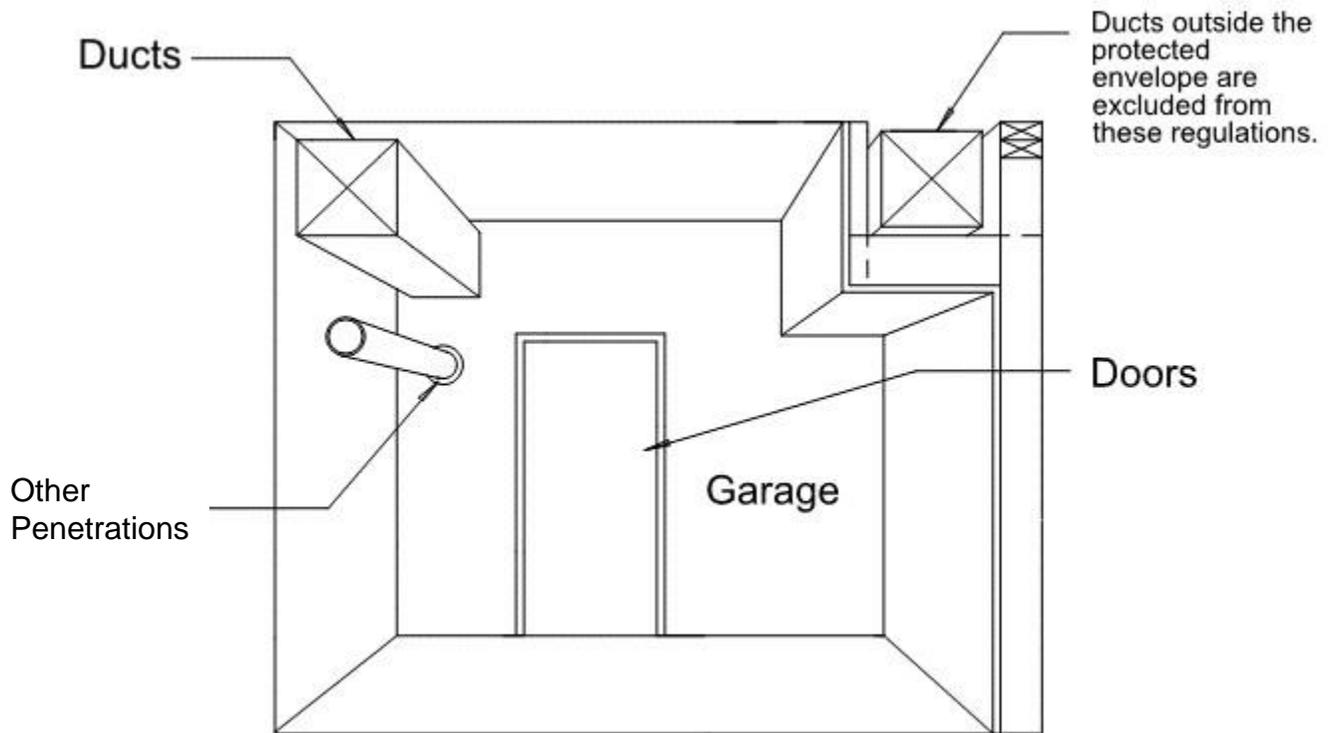
1/2" Gypsum Board at Walls:

- Fasten with 5d cooler nails, 1 3/8" screws, or 1 3/8" drywall nails

GENERAL INFORMATION:

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Penetrations (of the protected envelope)



Duct Penetrations R302.5.2:

Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage must be a minimum of No. 26 gage sheet metal with no register outlets (openings) into the garage. R302.5.2

Other Penetrations R302.5.3:

Penetrations through the required separation must be protected at openings around vents, pipes, ducts, cables and wires at ceiling and floor level, with an approved material to resist the free passage of flame and products of combustion. The material filling this annular space shall not be required to meet the ASTM E 136 requirements (see R302.11 Fireblocking Item 4).

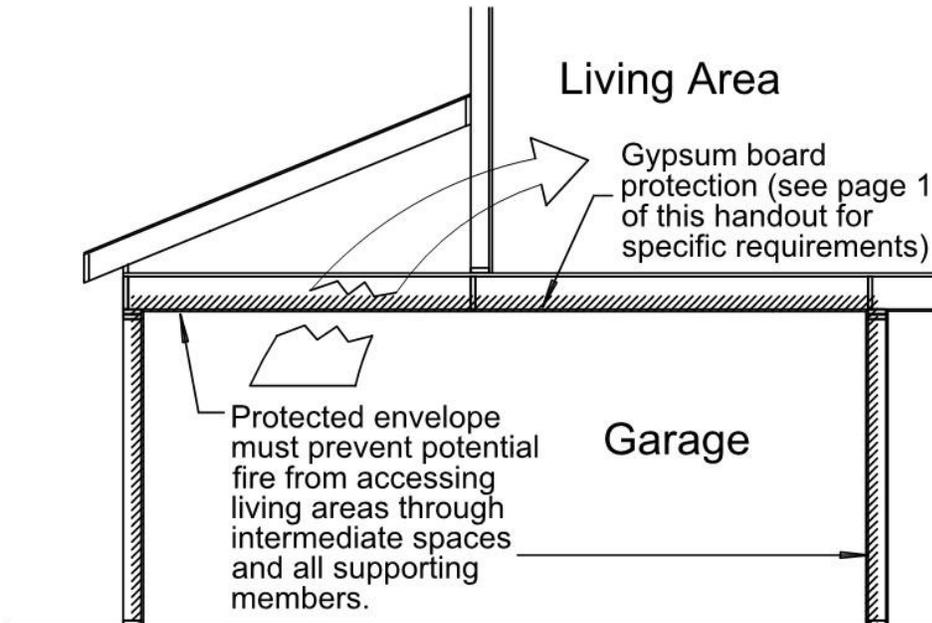
Doors R302.5.1:

Doors separating the garage and living spaces shall be 1-3/8" solid wood, solid or honeycomb core steel doors not less than 1-3/8" thick, or 20-minute rated doors. These doors shall also be equipped with a self-closing device. These doors shall not open into a sleeping room.

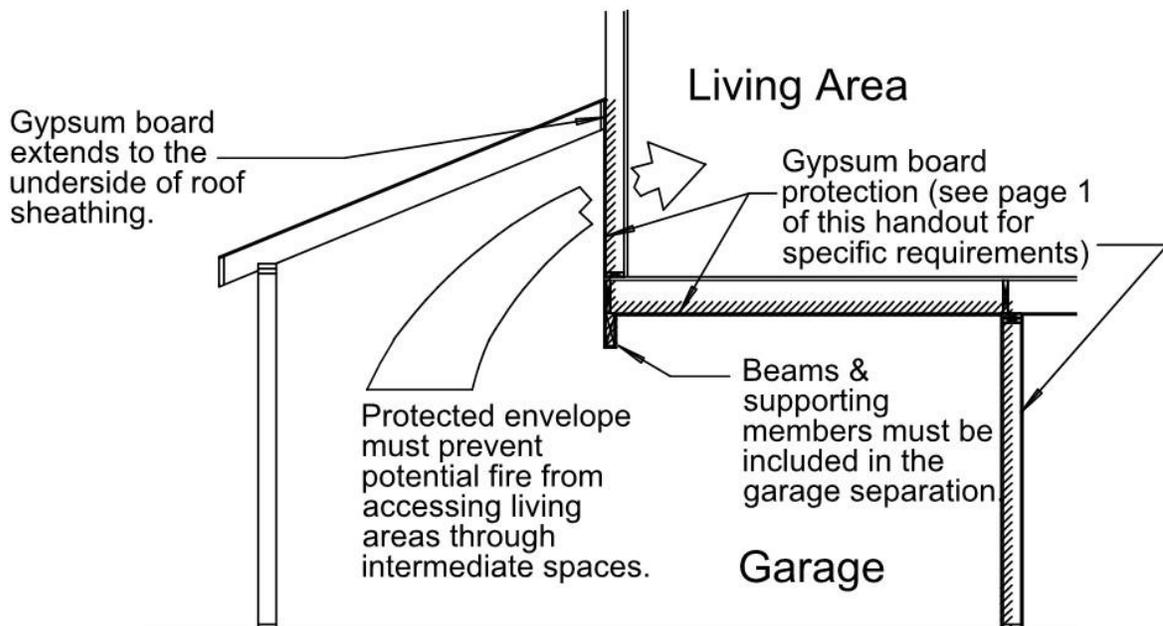
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Special Conditions



OR



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