**Per 2006 IRC Section 309**

### Garage Fire Protection with Living Space Above

**Fire Ceiling**
- Min. 5/8" Type X Gypsum wall board on the garage side of ceilings common to living space.

**Fire Wall**
- Min. 1/2" gypsum wall board on the garage side of common walls to living space.

- Any IRC approved duct material may be used on the living space side of walls common to garages and living space.

- Any IRC approved duct material beyond garage (recommend 26 gauge steel through wall into living space.)

- Ducts through walls and ceilings common to living spaces: Min 0.019 inch (26 Gauge) steel ducts in Garage and through Gypsum Wall Board. No openings into Garage and no flexible ducts in Garage.

**Joints**
- Where Gypsum Wall Board is required, all edges must be backed by framing members and must be taped and jointed to provide fire protection for the framing.

**Garage floor**
- Must be non-combustible and must slope to a floor drain or slope toward the vehicle door. Drainage must not be piped to the house sewer line but may be piped to daylight or a "French drain".

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**Adjacent Living Space**
- Min. 1/2" Gypsum Wall Board on the garage side of walls common to living space including attic walls to underside of roof sheathing.

**Min. 1/2" Gypsum Wall Board**
- On the garage side of bearing walls supporting fire protected garage ceiling.

**Door**
- Between garage and living space - min. 1 3/8" tight-fitting solid core door or metal clad door or 20 minute rated door assembly. Doors and other openings from garage may not open directly into a room used for sleeping purposes.

**Garage of Adjacent Living Space**
- Attic of Garage (No Living Space Above Garage)

**Garage of Adjacent Living Space**
- Adjacent Living Space

**Garage**
- Garage floor board is not required on ceiling or bearing walls if there is no living space above the garage and the attic space above the garage is fire separated from the attic above the living space.