

# City of Fort Atkinson

Building Inspection Department  
101 N. Main St.

Fort Atkinson, WI 53538

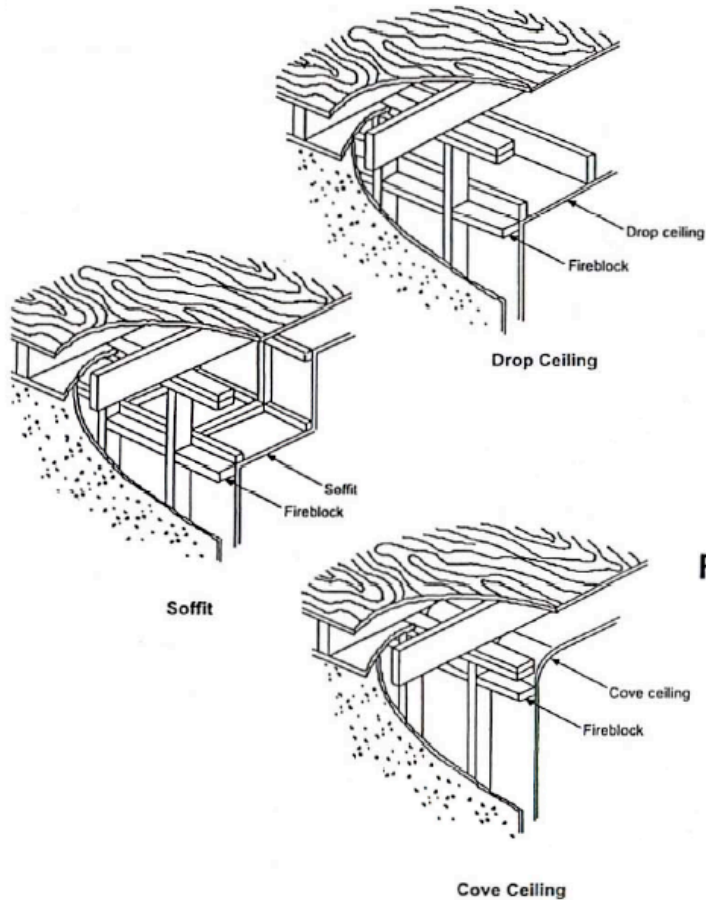
Phone: (920) 563-7760 Fax: (920) 563-7776

Email: [bjarez@fortatkinsonwi.net](mailto:bjarez@fortatkinsonwi.net)

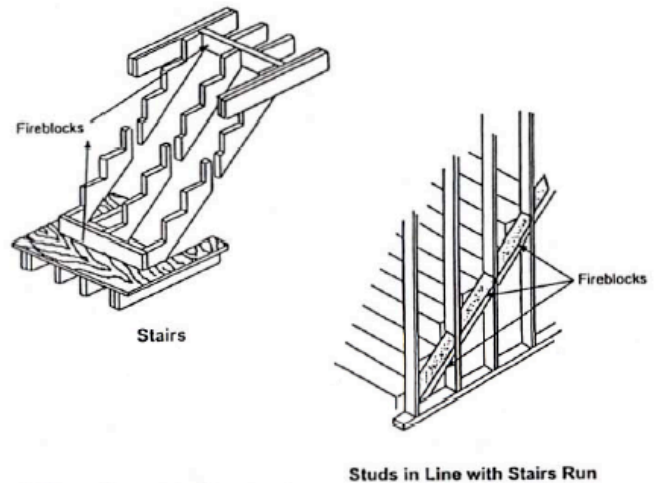
# Fire Blocking

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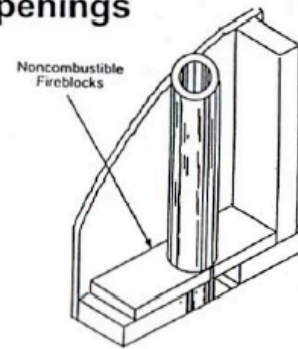
## Fire Blocks at Soffits



## Fire Blocks in Concealed Spaces at Stairs



## Fire Blocks at Openings



### Wisconsin Department of Commerce Uniform Dwelling Code Chapter Comm 21.085 Fire blocking.

#### (1) FIREBLOCKING LOCATIONS.

Fire blocking shall be provided in all of the following locations:

- In concealed spaces of walls and partitions, including furred spaces, at the ceiling and floor levels.
- At all interconnections between concealed vertical and horizontal spaces including the attachment between a carport and a dwelling.
- In concealed spaces between stair stringers at the top and bottom of the run and at any intervening floor level.
- At all openings around wires, cables, vents, pipes, ducts, chimneys and fireplaces at ceiling and floor level.

#### (2) FIREBLOCKING MATERIALS. Fire blocking shall consist of one of the following:

- 2-inch nominal lumber.
- Two layers of one-inch nominal lumber.
- One thickness of 3/4-inch nominal plywood or wood structural panel with any joints backed with the same material.
- One thickness of 1/2-inch gypsum wallboard, face nailed or face screwed to solid wood, with any joints backed with the same material.
- Fiberglass or mineral wool batt insulation may be used if both of the following conditions are met:
  - The least dimension of the opening may not exceed 4 inches.
  - The batt shall be installed to fill the entire thickness of the opening or stud cavity.
- For wires, cables, pipes and vents only, non-shrinking caulk, putty mortar, or similar material may be used provided no dimension of the opening exceeds 1/2 inch around the penetrating object.
- For chimneys, fireplaces and metal vents, fire blocking shall be metal, cement board or other noncombustible material.