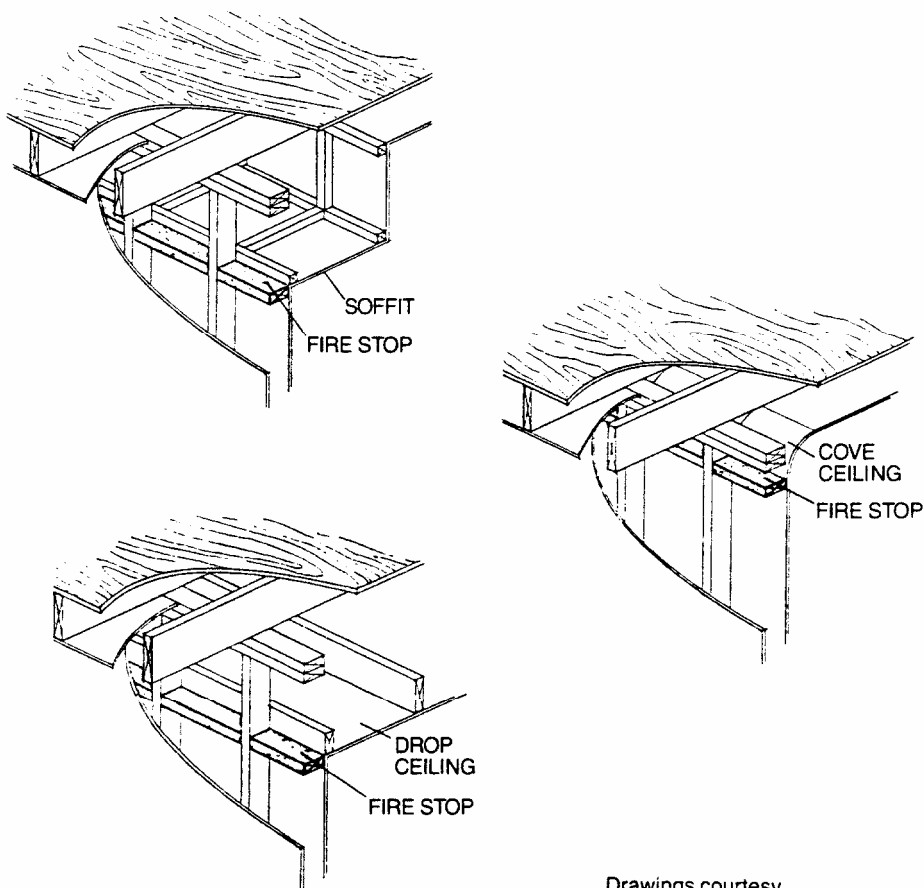


Fire blocking required. Fire blocking shall be provided to cut off all concealed draft openings (both vertical and horizontal) and to form an effective fire barrier between stories, and between a top story and the roof space. Fire blocking shall be provided in wood-frame construction in the following locations:

1. In concealed spaces of stud walls and partitions, including furred spaces, at the ceiling and floor level and at 10 foot intervals both vertical and horizontal. Batts or blankets of mineral or glass fiber or other approved non-rigid materials shall be allowed as fire blocking in walls constructed using parallel rows of studs or staggered studs.

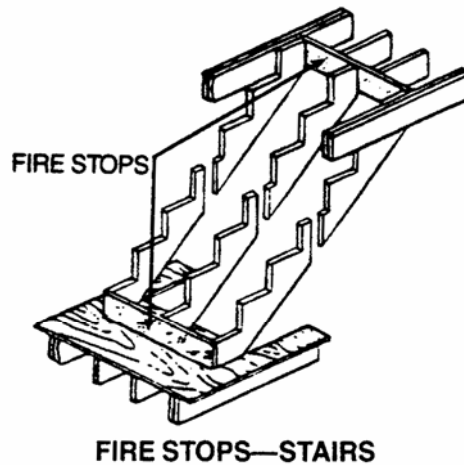


Drawings courtesy
NATIONAL FOREST PRODUCTS ASSOCIATION

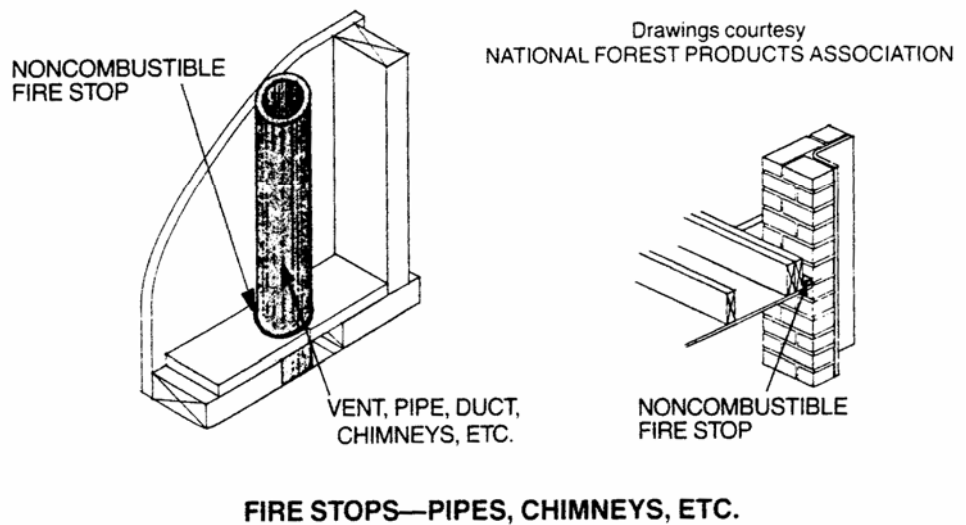
FIRE STOPS—VERTICAL AND HORIZONTAL SPACE CONNECTIONS

2. At all interconnections between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings and cove ceilings.

3. In concealed spaces between stair stringers at the top and bottom of the run. Enclosed spaces under stairs shall be protected on the enclosed side with 1/2-inch gypsum board.



4. At openings around vents, pipes, and ducts at ceiling and floor level, with an approved material to resist the free passage of flame and products of combustion.



5. At openings between attic spaces and chimneys chases for factory-built chimneys.
6. Fireblocking of cornices of a two-family dwelling is required at the line of dwelling unit separation.

Materials. Except as provided in Fireblocking Required Item 4 above, fireblocking shall consist of 2-inch nominal lumber, or two thicknesses of 1-inch nominal lumber with broken lap joints, or one thickness of 23/32 -inch wood structural panels with joints backed by 23/32-inch wood structural panels or one thickness of 3/4-inch particleboard with joints backed by 3/4-inch particleboard, 1/2 -inch gypsum board, or 1/4-inch cement-based millboard. Batts or blankets of mineral wool or glass fiber or other approved materials installed in such a manner as to be securely retained in place shall be permitted as an acceptable fire block. Loose-fill insulation material shall not be used as a fire block unless specifically tested in the form and manner intended for use to demonstrate its ability to remain in place and to retard the spread of fire and hot gases.

Unfaced fiberglass. Unfaced fiberglass batt insulation used as fireblocking shall fill the entire crosssection of the wall cavity to a minimum height of 16 inches measured vertically. When piping, conduit or similar obstructions are encountered, the insulation shall be packed tightly around the obstruction.

Fireblocking integrity. The integrity of all fireblocks shall be maintained.