

Remodeling

Requirements for Building Permit Application

1. Completed Building Permit application form with signature.
2. Submit two (2) copies of plans showing proposed designs and materials; plans shall be drawn to scale and shall include a floor plan indicating the following:
 - a. Existing/Proposed size of rooms being finished/altered-dimensions.
 - b. Indication of room use (i.e. bathroom, bedroom, laundry, family room).
 - c. If bedrooms are created, egress windows are required (one in each sleeping room).
 - d. Required installation of Smoke Detectors (see below).
3. Indicate construction materials to be used and location (2"x4" wall studs 16" o.c., fiberglass insulation, 1/2" gypsum wallboard, etc.).
4. Number of, description and location of proposed plumbing fixtures or changes to existing system.
5. Number of, description and location of proposed changes to existing Heating Ventilation and Air Conditioning (HVAC) system.

Required installation of Smoke Detectors

1. In dwelling units, a detector shall be installed in each newly constructed sleeping room and at a point outside of each sleeping area in the immediate vicinity of the bedrooms. A smoke detector shall be installed on each story including the basement.
2. When interior alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created, smoke detectors shall be installed throughout the existing dwelling unit as required for new dwellings; the smoke detectors shall be interconnected and hard wired. (Exception: When alterations/repairs do not result in the removal of interior walls or ceiling finish, unless there is an attic, crawl space or basement available which could provide access or work on the exterior which does not require entry into the interior for inspection.)
 - a. One in each sleeping room.
 - b. One outside of each separate sleeping area in the immediate vicinity of the bedrooms.
 - c. A smoke detector shall be installed on each story and in the basement.
 - d. In dwellings where a story or basement is split into two or more levels the smoke detector shall be installed on the upper level except when the lower level contains a sleeping area, a detector shall be installed on each level.
3. In new construction smoke detectors shall receive their power from the building wiring and shall be equipped with battery backup.

General Building Requirements

1. Must provide unobstructed headroom of 7 feet in habitable spaces, kitchens, halls, bathrooms, toilet compartments, laundry rooms and basements.
2. Foundation plates or sills resting on concrete slabs shall be treated wood or foundation grade redwood.
3. Adequately secure sill-sole plates to floor.
4. Fire blocking requirements - please reference attached sheet.

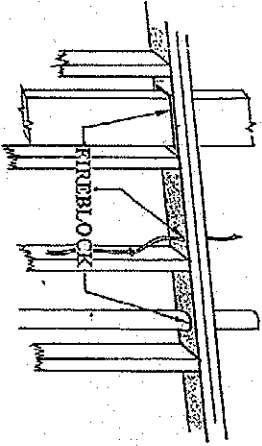
Required Inspections

1. Framing
2. Insulation
3. Plumbing (if applicable)
4. Heating/Mechanical (if applicable)
5. Electrical
6. Final

**The State of Minnesota requires that all residential building contractors, remodelers and roofers obtain a state license unless they qualify for a specific exemption from the licensing requirements. Any person claiming an exemption must provide a copy of a Certificate of Exemption from the Department of Commerce to the City before a permit can be issued.*

**To determine whether a particular contractor is required to be licensed or to check on the licensing status of individual contractors, please call the Minnesota Department of Commerce.*

FIRE BLOCKS



FIREBLOCKING REQUIRED AROUND VENTS, PIPES, DUCTS, CHIMNEY, CABLES, OR OTHER OPENINGS WHICH ALLOW FIRE TO MOVE FROM SPACE TO SPACE WITHIN THE FRAMING

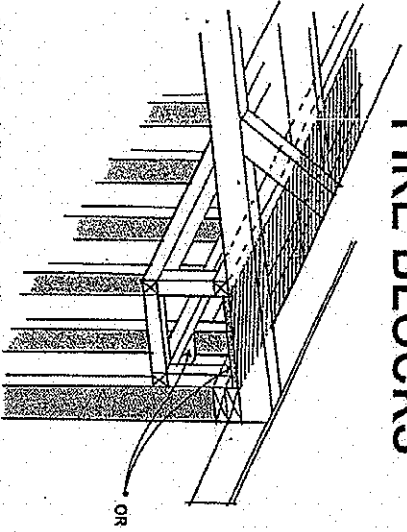
IRC Section R602.8

FIRE BLOCK CONSTRUCTION

- TWO INCH NOMINAL LUMBER
- DOUBLE LAYER OF 1 INCH NOMINAL LUMBER
- ONE LAYER OF 23/32 INCH WOOD STRUCTURAL PANEL SHEATHING WITH JOINTS BACKED BY 23/32 WOOD STRUCTURAL PANEL
- ONE LAYER OF 3/4 INCH PARTICLEBOARD WITH JOINTS BACKED BY 3/4 INCH PARTICLEBOARD
- 1/2 GYPSUM BOARD, CEMENT BOARD, MINERAL FIBER, OR GLASS FIBER SUCURED IN PLACE

IRC Section R602.8.1

FIRE BLOCKS



Fireblocking shall be provided at all interconnections between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings and cove ceilings.

IRC Section R602.8