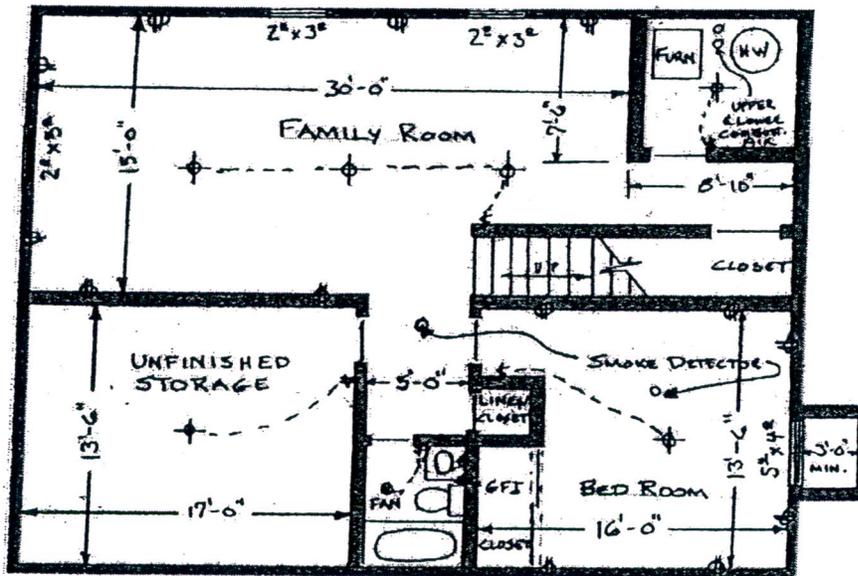
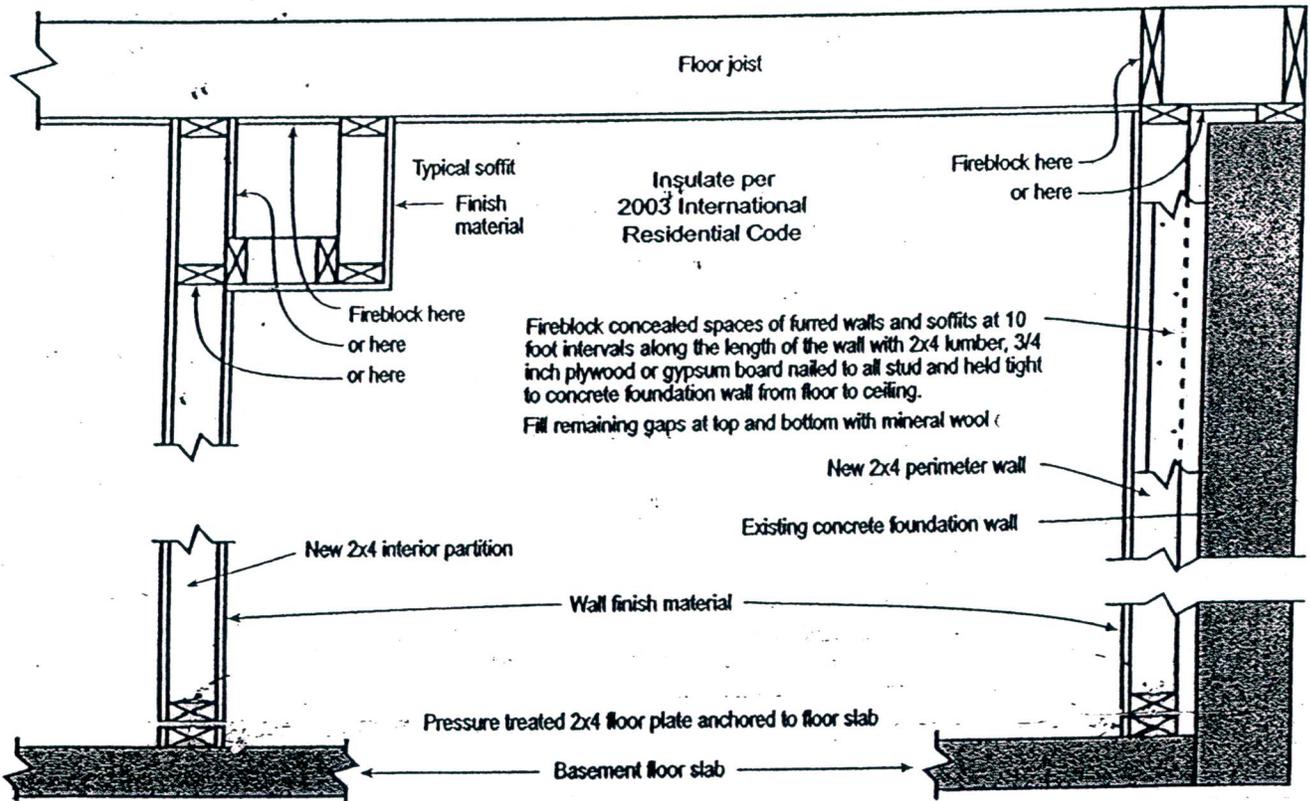


# Fireblocking



Sample Floor plan

# SINGLE FAMILY RESIDENTIAL FINISHED BASEMENT

This guide is created to help you get through the permitting process with the least amount of delays.

The submitted documents will help determine if the project is in compliance with the building safety codes, zoning ordinances and other applicable laws.

## DIRECTIONS

1. Submit **two** complete sets of required information.
2. Draw a floor plan with dimensions drawn to scale, showing the layout of the entire basement. Label the use for all the rooms.
3. Show furnace, electric panel and water heater location.
4. Indicate ceiling height (6'10" min. except under beams, ducts, plumbing and other obstructions where clear height is 6'6" minimum)
5. Smoke alarms will be checked throughout house. Alarms in cellar are to be hard wired, others can be battery operated. Code requires one smoke detector in each bedroom, one on each floor of the house and a carbon monoxide detector is to be installed in the vicinity of the bedrooms ( hallway adjacent to bedrooms)
6. If the basement area is to include bedrooms emergency escapes will be required (see Building Inspector for more information)
7. Furnaces and gas water heaters cannot be located in a bedroom or bathroom unless appliances are installed in a dedicated enclosure in which all the combustion air is taken directly from outdoors, and a weather stripped solid door equipped with an approved self closing device is installed.
8. Insulation shall be R-10 minimum for walls.
9. Fire blocking must be installed in concealed spaces of wood-furred walls at the ceiling level, at 10 foot intervals along the width of the wall and at all interconnections of concealed vertical and horizontal spaces such as intersection of stud walls and soffits or dropped ceilings ( sketch). Fire blocks may be constructed of 1-1/2" lumber, 3/4" plywood or particle board, 1/2" gypsum board or other approved material.
10. If access to the area or the space under the stairs is enclosed for storage or other uses it shall be protected from the underside by 1/2" gypsum board.
11. Bathrooms without operable windows shall be provided with a ventilation fan.